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U. S. Department of Agriculture



"GLORIA"  
AN ORCHID CACTUS  
SEE PAGE 2



EVERYTHING FOR  
THE CACTUS GARDEN

# JOHNSON CACTUS GARDENS

1940 CATALOG  
of CACTUS  
PRICE 10 CENTS

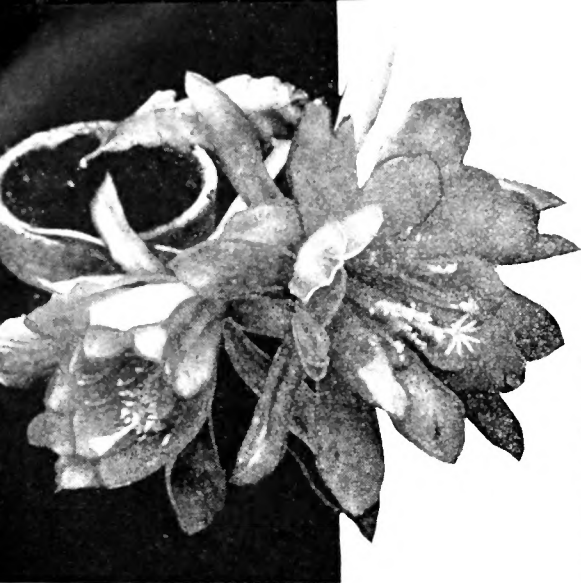
*Latest News from Cactus Land*

HYNES, CALIFORNIA

# The ORCHID CACTI

OR PHYLLOCACTI

These glorious large and brilliant flowers are hardly equalled in the whole plant kingdom. In size they are as large as dinner plates with petals fresh as China silks. They run the gamut of the color scale—brilliant reds, electric blues shading into scarlets, brilliant orange, bright pinks, lavender, a glorious array. There are scores of named kinds for they have been favorites in Europe for a hundred years. Unlike other cacti they like moisture for they come from the moist rain-forests of the semi-tropics. You will find them particularly easy to grow.



## VIVE ROUGE

This striking blossom is one of my favorites. The graceful flowers are very brilliant red with curving white stamens and reach 6 to 7 inches in diameter. The plant is vigorous and healthy and produces blossoms in abundance. As in most Orchid Cacti the "leaves" are spineless, crenate and dark green in color the flowers being borne in the notches. **40c**

**GLORIA.** See cover for color illustration. This magnificent variety has gorgeous flame-colored blossoms 8" to 9" in diameter. Its season of bloom is one of the longest of all—flowers being found from April till August. The color is very clear and bright. It is very easy to grow and flowers when quite small, 3 and 4 inch pot plants making nice flowering specimens. Do not fail to add this sterling variety to your cactus collection. A rare plant at a bargain price. Each **50c**

**Etoile de Contich.** A fine Belgian variety with 8 inch blossoms. The petals are broad, the outer series salmon red, the inner flushed with violet. It is a very strong grower, many of the stems being triangular. Flowers exceedingly freely and consistently. The large and fragrant fruits following are delicious to eat, **50c**

**Pink Nymph.** This charming peach pink variety is a great bloomer, the petals being slightly shirred. Will stand considerable sun and blooms regularly, **35c**

**Peacockii.** One of the most gorgeously colored of all with huge 10 inch blossoms and broad, undulate petals. The bright carmine-red outer petals shade gradually into an intense luminous violet that seems to shine like neon lights. Give it good drainage and a porous soil and it will reward you beyond compare, **75c**

**Red Empress.** This graceful plant is charming in a hanging basket where its spiraled stems and brilliant crimson blossoms show to advantage, **30c**

## EMPRESS. A pink Shower.

I have counted as many as 500 flowers on one plant of this handsome variety! An old favorite in window gardens where it thrives producing a fine display of the daintiest pink blossoms imaginable. Give it a soil with some leafmold and a little shade in summer. Larger **35c**. Each **25c**



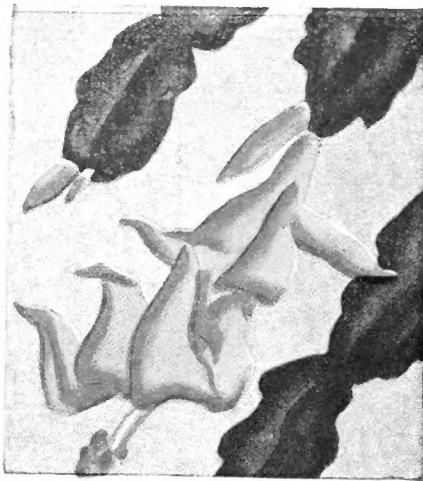
**CULTURE:** In general they should be treated very much like ferns or begonias. Give them adequate pots but see that the soil is porous or "open" for though they like plenty of water and a moist atmosphere they do not tolerate stagnation. A soil of gritty sand, leafmold and light loam in about equal proportions suits them nicely. They like being put out under a tree in summer where they will make a lusty well matured growth. They bloom principally in April, May and June.

I have a special culture leaflet for Shade Loving Cacti that I send (to cover mailing) for **10c**.

## RAINBOW COLLECTION

Collection No. F1

4 Orchid Cacti as described in Red, White, Yellow and Orange..... **90c**



## CHRISTMAS CACTUS

*Zygocactus truncatus*  
Showers of Fuchsia-like pink blossoms at Christmas. Grows with the greatest of ease, liking moisture and shade. Old house plants will often have 500 flowers. 5-year-old blooming plants, each **35c**. Nice 3" to 5" young plants..... **19c**



## RED ORCHID CACTUS

*Nopalxochia Ackermannii*

Many of my customers have written to tell me that we have never described this gorgeous blossom with full justice. The flowers are exquisite, shining as though with frost, while from the throat cascades a snowy mass of stamens. It is very easy to grow, liking quite a bit of water and some shade, for it grows in the shelter of trees in Mexico. Some of the finest specimens I have seen were growing in old kettles on front porches.

Heavier older plants, each **35c**. Vigorous healthy young plants. Each..... **25c**

**Scarlet Giant.** A large flower with slender scarlet petals and bright orange stripe down the center, the throat tinged with lavender. A striking blossom hardy vigorous plant and free bloomer, **50c**

**LATONA.** This huge many-petaled flower is an exquisite orchid pink with broad overlapping petals and so freely borne that the stems are weighted down in wreath-like arches. A truly magnificent flower, **55c**

**Padre.** A large "climbing" variety, the leaves often reaching 8 feet in length. The flowers are a very pleasing warm pink. An abundant bloomer and much cherished in California for its unique growth and exquisite color, **50c**

**Hermossissimus.** A huge red blossom 10" across each petal banded violet with an orange stripe down the middle. A gorgeous blossom and rare plant, **75c**

## White Orchid Cactus

(*Epiphyllum strictum*). Bears long, arching stems with many star-shaped snowy blossoms with red stigma. Flowers all spring and summer, **25c**

**Orange Orchid.** A pretty orange flowered variety that blooms freely, **25c**

**Joseph de Laet.** A particularly brilliant colored flower, violet red and orange striped, **\$1**

**Bohemia.** A pleasing shell-pink blossom freely borne. Good bloomer, **35c**

**Oberst P. M. Kunrich.** A large orange and red striped variety, **75c**

**Knebel.** Deep scarlet with broad violet edged petals. **\$1.25**

**Wrayi.** The nearest approach to a yellow. Outer petals quite golden, inner series white, **50c**

**Stein von Erlau.** A red and orange variety with lavender throat, **\$1**

## PEACOCK COLLECTION

COLLECTION F2

5 gorgeous varieties in a wide range of rich colors. **Gloria, Etoile de Contich, Scarlet Giant, Cooperi, Latona.** All vigorous plants..... **\$2**

**Dr. Houghton.** A grand flower vividly striped red violet and orange with luminescent violet-blue throat. Extremely free in bloom and a vigorous healthy grower, **\$1**.

**Frieda Weingart.** A large flower with broad, silky-pink petals with deep rose center. Beautiful, **\$1**

**Tulip.** A medium sized flower with broad, blood-red petals. Good bloomer, **60c**

## SURPRISE SPECIMENS

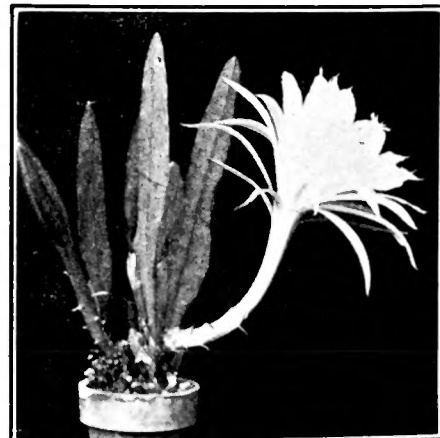
Large Flowering Size

I have a few splendid flowering specimens 14 to 24 inches tall. Since I have not had time to verify the names they are shipped unlabelled but all are first class named varieties, none being cheap or common plants. They are big, expensive plants to ship. **Bargain price of only \$1**

## YELLOW ORCHID CACTUS

*Phyllocactus Cooperi*

A quick-growing bushy variety with large blossoms. The outer petals being rich yellow, the inner ones snowy white. Buds arise from the base!..... **22c**



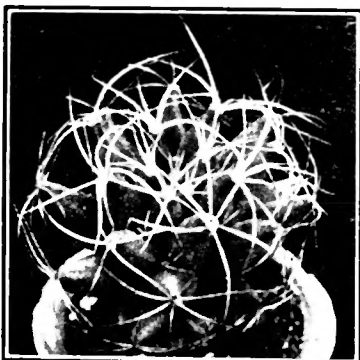


# The MAMILLARIAS

## OR PINCUSHION CACTI

THEY are found in greatest abundance in the central plateau of Mexico though many are native to the United States and the islands of the Caribbean. Their name—Mamillaria—means "nipple" and their spines are borne on the tips of these. They bear these nipples all their life and never have ridges; unlike the Echinocacti who start life with nipples but become ridged with age. There are hundreds of varieties from tiny thimble size species to ones a foot tall. Some are solitary, others become many-headed clumps a yard across. Because of their moderate size (1" to 6"), great variety and bright blossoms they are very popular with collectors, particularly where space is limited.

**CULTURE.** They generally grow on hillsides often under bushes or in crevices between rocks and hence like a porous, very well drained soil. They are often found on limestone formations and quite generally appreciate lime in the soil. (Crushed eggshells) After planting water very sparingly. Don't keep them wet ever. Their growing period is from April till mid-summer when they may be watered more frequently. During winter when they are at rest water but sparingly — only enough to keep them from shriveling excessively. Young plants during first two years may be given more water. The white spined varieties like a limy soil and lots of sun.



### BIRDS NEST

*Mamillaria camptotricha*

Long, flexible, straw-yellow spines without "stickers" form a close straw nest. Grows easily and quickly forms a cluster flowering when young. One of the quaintest. 1 1/4".....

19c

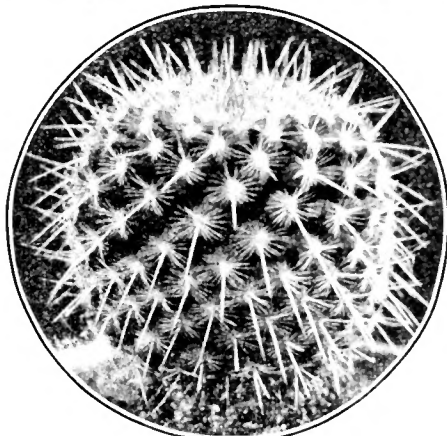
Nice young plants.....

25c

### CRANBERRY CACTUS.

(*Mam. Sartorii*). One of the handsomest and rarest Pin-cushions grown. The plant is broad and rather flat with few spines. As it reaches flowering age the upper whorls of nipples burgeon out with white cotton among which the brilliant cranberry red blossoms appear. It comes into flower in late December often lasting 2 months. Nice, clean flowering size plants 1 1/2" to 2". 35c.

**Mother of Hundreds.** (*Mam. compressa*). A very pretty variety with curved white spines and triangular, flattened nipples. The flowers



### MAMILLARIA PARKINSONII

A beautiful white spined variety with rigid, reflexed, snowy centrals. Flowers are pink embedded in white wool.

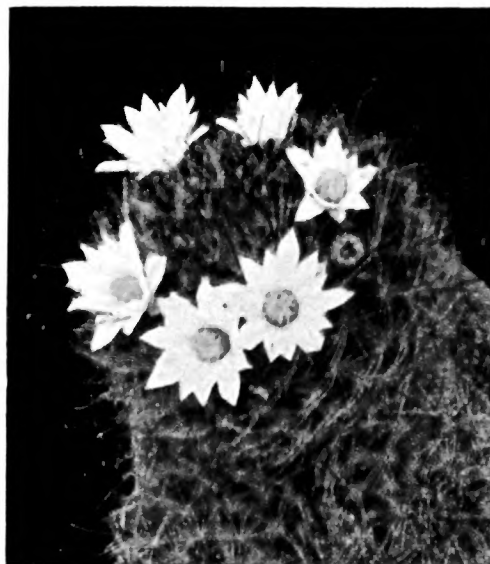
Specimens with 2 large heads, 3", 60c

Specimens with 4 heads, 3", 90c

1 1/4" specimens, 35c

Perfect 3/4" plants.....

20c



### FISH HOOK PINCUSHION (Nat. Size)

*Mamillaria Willdii*

Each central spine is tipped with a tiny hook. A cluster forming species flowering freely in the spring.....

20c



### RAINBOW CACTUS (Nat. Size)

*Echinocereus melanocentrus*

This perennially flowering variety I consider one of my outstanding species. As you see by the plate above it quite normally flowers when small bearing blossoms larger than the plant. Our plants are seen in flower from April to December. Likes a porous soil with leaf-mold and plenty of powdered egg shells for lime. Large flowering specimens, 2"-3". 35c

Smaller, 1 1/4" to 2". 30c

Nice plants that will flower this spring.....

20c

**Mamillaria nigra.** A rather quick growing variety blooming the second year. The spines are quite dark and with age the crown becomes whitened with wool. The flowers are crimson borne in early spring. The plant grows tall reaching a foot in height. 4", 60c. 1", 20c.

**Mamillaria Schmollii.** Though the plant is thickly set with short white spines yet the centrals are generally tipped with black. It is a small growing rather egg-shaped species with bright red blossoms in summer. 1", 20c

**Mamillaria Woodsii.** A new species with white spines and flattened top. Bears long wispy white hairs as it reaches blooming size. Flowers are a pretty shade of crimson-red. 1", 25c. 1 1/2" blooming size, 30c.

**Mamillaria angularis.** This is a lusty growing species with large triangular, short nipples and long flexible white spines. There is a wealth of white wool among which the garnet red flowers show to perfection. With age the plant branches forming clusters. 1 1/2", 25c. 1 1/2" 2", 35c.

## 7 FLOWERING CACTI

Collection F3

The 4 plants below together with an Easter Lily Cactus bright Orange Tuna and Dwarf Tree Opuntia.....

\$1.50

## FOR BELOW COLLECTION OF FLOWERING CACTI➔



### HARDY HEDGE HOG *Thelocactus Schottii*

For this really free flowering little plant I am offering fully mature specimens that have bloomed for many years. They blossom many times during the summer.....

35c



### WHITE CHIN CACTUS *Gymnocalycium Schickendantzii*

This South American Chin Cactus bears charming pink-white blossoms and long summer blooming season. Easy to grow and makes a fine specimen. Large blooming plants 75c-\$1.50.

Nice plants.....

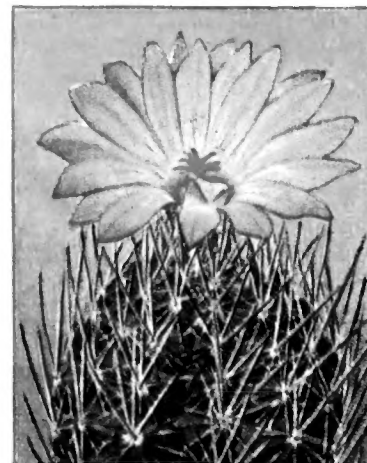
35c



### LEMON BALL CACTUS *Notocactus submammulosus*

Every plant blooms in the spring! Clear yellow flowers appear over a period of weeks. This native of Argentina hardly reaches 3" across. Nice 3 year old plants ready to flower.....

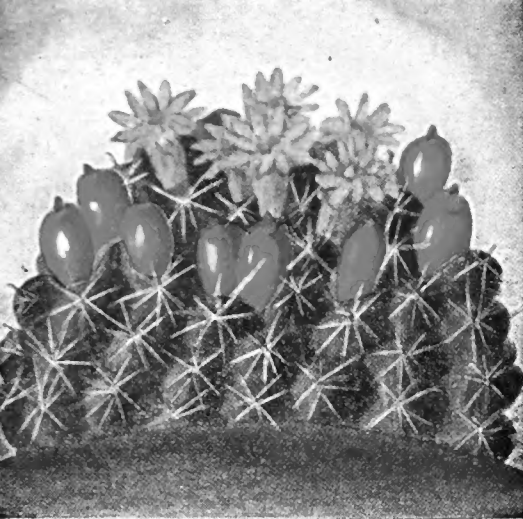
25c



### GLORY OF TEXAS *Thelocactus bicolor*

Gorgeous, crepe-like brilliant pink blossoms over 2 1/4" across. Blooms from spring till late fall. Flowers for everybody! Well rooted, large (2 1/4" to 4") fully mature blooming specimens.....

50c



#### CORAL CACTUS (Nat. Size)

The Coral Cactus is one of the prettiest of all with its circle of brilliant red berries and pretty cream blossoms. Flowers and fruits profusely during winter and spring. Everyone succeeds with it. Mature (2 1/2"-4") fruiting specimens. **50c**

**Mamillaria durispina.** This very charming variety has brown and straw-colored spines and nice pink blossoms during the spring. I am sure you will like it for it is a most consistent bloomer. 2", 35c. 3", 50c. 1", 17c.

**Mamillaria Balleotii.** A very pretty species for when blooming the spaces between the nipples are full of white cotton among which the crimson flowers appear. 1 1/2"-2", 30c. 1", 20c.

**Mamillaria Celsiana.** A pale yellow spined variety bearing its spines in a beautifully regular spiraled pattern. A very choice and rare plant. 2"-2 1/2", 40c. 1", 25c.

**Mamillaria Schelhasei.** Similar to the beautiful Powder Puff but with reddish centrals. Very pretty. 1 1/4", 20c.

**Old Lady Cactus (Mamillaria Hahniana).** This striking plant becomes with age completely clothed with snowy white hair! Crimson flowers. It is distinct from all other Pincushions and is a fit companion to the popular Old Man! 1 1/2", 50c. 1", 35c.

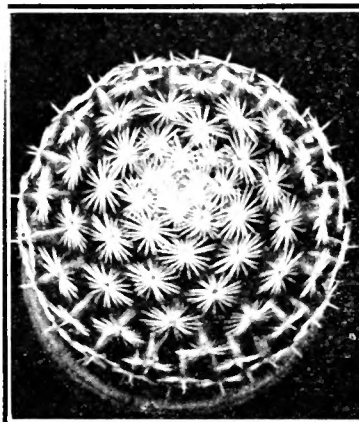
**Grape Cactus. (Mamillaria prolifera).** This interesting little species like the Old Lady Who Lived in a Shoe has a house full of children. A touch will detach the youngsters who will immediately start housekeeping on their own! You will like it. Fine clusters with many babies. 15c.

**Mamillaria Zeilmanniana.** This is far and away the best and freest flowering of all Pincushions. The blossoms are large and borne in a wreath about the plant. They are a particularly brilliant cerise-red! The plant is clump-forming with tiny fish hook spines. 1", 35c.

**Silver Dumpling. (M. elegans).** This very popular variety has closely woven white spines in a pleasing spiraled pattern. I seldom have enough to supply all my customers. Bright pomegranate red blossoms! 1", 21c.

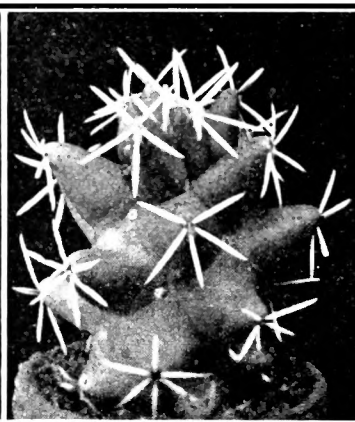
**Mamillaria carnea rosea.** A pink flowered, profuse winter-blooming variety with large triangular nipples. A fine plant for collectors. 1 1/2", 25c.

**Mamillaria crucigera.** A rare red flowered species with gray spines in a spiral pattern. 4-year old 1" plants. 20c.



#### MAMILLARIA PERBELLA LANATA

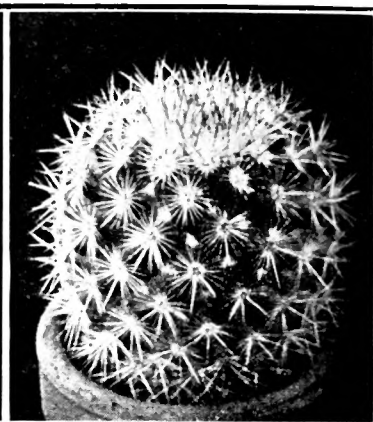
This is an exceptionally free-blooming species with rose-pink blossoms with a stripe down each petal. Commences flowering in late winter at size pictured. A very neat, vigorous little plant. 3/4"-1" **21c**



#### STAR PINCUSHION

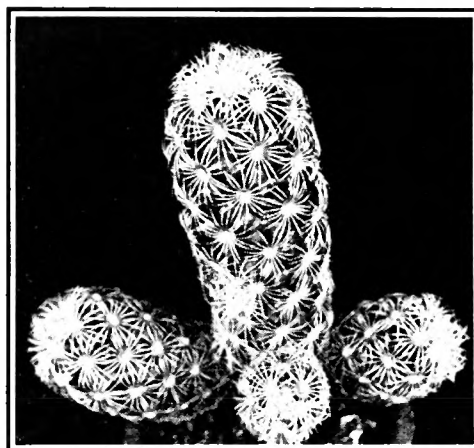
*Coryphantha clava*

These close relatives of the Mamillarias are very attractive with their wide spaced nipples and starry spines. They rapidly grow tall. This one bears plenty of pale yellow blossoms. **20c**



#### MAMILLARIA BOGOTENSIS

Pale yellow spine clusters with wads of white wool the top flowering parts becoming well white-felted. The pink blossoms are borne well down on the sides. The only one from S. America. 2"-30c. Nice 1" plants. **19c**



#### MAMILLARIA ELONGATA TENUIS

Natural size

Amongst all the cacti that I know this is one of the brightest and easiest to grow quickly forming fine clusters often producing 5 to 10 arms the first season. Single each. **15c**

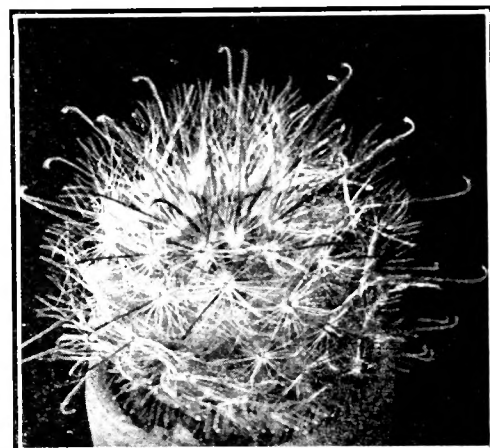
**4** Clusters, each. **35c**  
With 10 Heads. **50c**  
**SIZES** 25 or more Heads. **\$1.00**

**Mamillaria decipiens.** A rare but really interesting variety with strawy white spines and cream blossoms that often appear the first year! You will like this. 1", 20c.

**Mamillaria Klissingiana.** A rare variety with spines so short, close and white as to make the plant appear whitewashed. 1 1/2", 35c. 1", 25c.

**Mamillaria Kunzeana.** A pretty relative of the Cotton Cactus with white hair and tiny red hooked centrals. The main root is short but thick and succulent. Nice crimson fruit. 1", 20c.

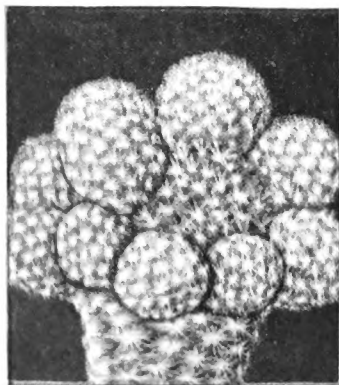
**Mamillaria Lesaunieri.** A rare variety with globose form and pretty red flowers. Good bloomer. 20c.



#### COTTON CACTUS (Nat. size)

*Mamillaria longicoma*

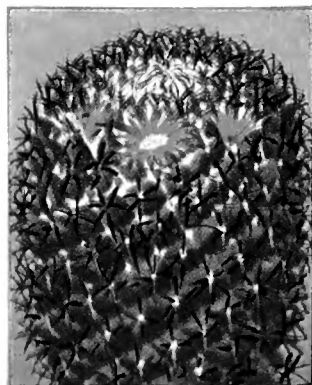
Long white hair with a single tiny fish hook. Cream flowers and brilliant cerise red curving berries! Fine. 1" **20c**



#### THIMBLE CACTUS

*Mamillaria fragilis*

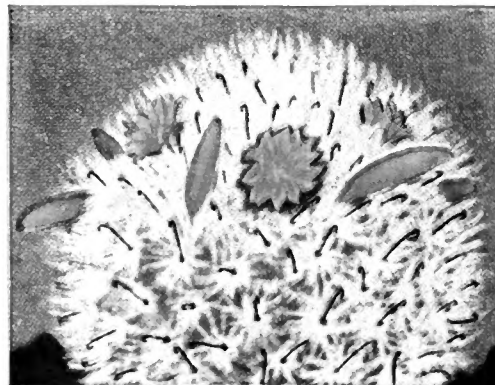
Pure white spines. Each baby will quickly grow. Each **15c**



#### RUBY DUMPLING

*Mamillaria tetraacantha*

Here is one that you can flower. 1 1/2"-35c. Smaller **17c**



#### POWDER PUFF

*Mamillaria bocasana*

Like a bursting cotton ball with silky hair instead of spines. Easiest for beginners. Larger, 30c. Nice plants. **21c**



#### LADY FINGERS

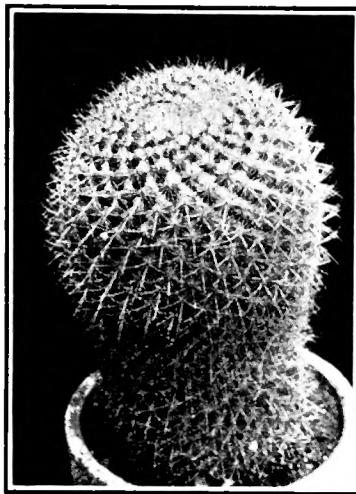
*(Mamillaria elongata)*

*Schmollii*

Dainty and so easy to grow. Fine clusters 35c. Smaller. **15c**

MEXICAN GEMS. Collection F4. These four charming Pincushions only **65c**





**RAINBOW DUMPLING**  
*Mamillaria rhodantha*

For many years this has been one of my favorites. It has spines of varying colors from yellow to red and bright red flowers. I have some nice 2" specimens 35c. 2½"-50c. Nice 1" specimens..... **19c**

## CORYPHANTHA A CONSPICUOUS GENUS

These close relatives of the Mamillarias differ in generally having much larger flowers and often fleshy roots. In the young state many are most attractive with their conspicuous spine stars and with maturity they make real "show" specimens. The flowers are often as much as 3" in diameter and of lively colors. They like a sandy soil with some lime and plenty of sunshine in summer.

**Coryphantha erecta.** This makes a very handsome specimen with many tall golden spined heads and straw yellow flowers. I like it so well I have grown a number of small specimens. 3" each 25c. 6", 50c. 1", 19c.

**Coryphantha radians.** Splendid bright yellow flowers. A close spined, orange-shaped plant. 1", 18c.

**Coryphantha aggregata.** Fine purple flowers. Clusters 25c and 35c. 1¼", 20c.

**Coryphantha Andreae.** 1", 20c.

**Coryphantha asterias.** White flowers. ¾", 20c.

**Coryphantha bumamma.** Yellow. 1", 20c.

**Coryphantha clava.** Yellow. 1", 20c.

**Coryphantha compacta.** ¾", 25c.

**Coryphantha Delaetiana.** 1", 20c.

**Coryphantha elephantidens.** Choice pink. 30c

**Coryphantha exudans.** Fine. 1¼", 25c.

**Coryphantha glandulosa.** 1", 25c.

**Coryphantha jaumevei.** 1", 25c.

**Coryphantha macromeris.** Purple. 1", 20c.

**Coryphantha macrothele.** 1", 25c.

**Coryphantha Ottonis.** Very attractive with white spines. 20c.

**Coryphantha pallida.** 1", 25c.

**Coryphantha Palmeri.** 1", 20c.

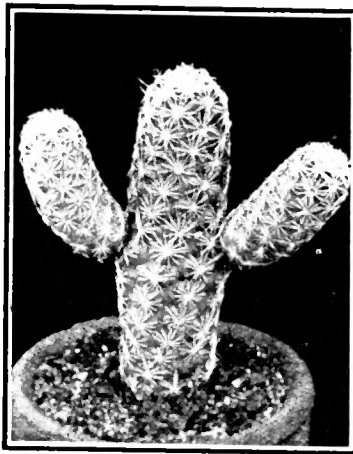
**Coryphantha psuedoechinus.** ¾", 20c.

**Coryphantha retusa.** ¾", 20c.

**Coryphantha raphidacantha.** 1½", 20c.

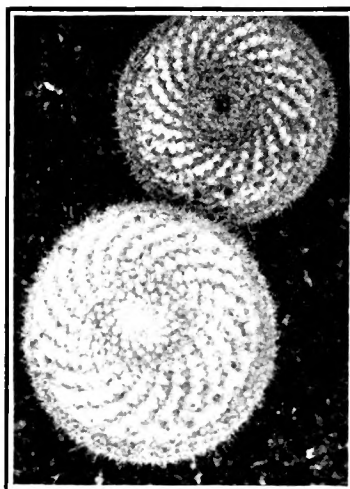
**Coryphantha valida.** ¾", 25c.

**Coryphantha Weismanniana.** 1½", 25c.



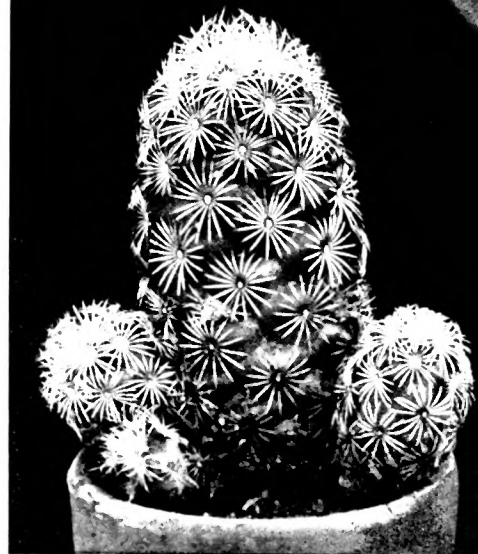
**JELLY BEANS**  
*Mamillaria fragilis minima*

A brand new variety of the Thimble Cactus with harmless, snowy white spines. This dainty little species grows rapidly and quickly bears many arms, each of which may be planted. It is particularly effective planted among other varieties for it will grow in any chink. **17c**



**MAMILLARIA  
WERDERMANNIANA**

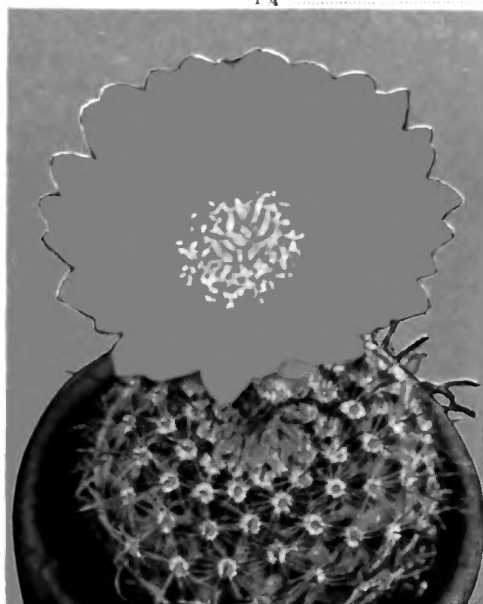
The photo shows the wealth of snowy wool covering the crown but fails to reveal the brilliance of its many vivid begonia-red flowers. Mature plants may be 3" in diameter and grow more beautiful with age. Blooming size 35c and 50c. 1¼" **25c**



**GOLDEN STARS**  
*Mamillaria elongata*

Charming with its shining rich yellow, and harmless spines. It's an orderly little plant that grows readily under all conditions. When mature it may be 6" tall and have a hundred arms making a very valuable specimen. The photo well shows its branching habit and neat spine stars. Likes a fair amount of water. Nice. Bright 1½" plants..... **15c**

**4** Clusters ..... 35c  
10 or more Heads ..... 50c  
**SIZES** 25 or more Heads ..... **\$1.00**



**TOM THUMB**  
*Parodia aureispina*

This newly discovered tiny Barrel Cactus comes from Argentina where it seems to have been found only on one sheer cliff. It is a handsome globe 2"-4" in diameter with tiny harmless hooked spines on spiraled ridges. Flowers most freely, the petals having a satin-like sheen. Since it blooms when quite small and does so under adverse conditions it is very popular. They like a little shade in full summer and appreciate a soil with quite a bit of leaf-mold. 1½" specimens 35c. **25c**  
Splendid flowering size plants.....

## MAMILLARIA RELATIVES

**ESCOBARIA CHIHUAHUENSIS.** Charming white spines and white flowers. 25c.

**COACHEMIA POSEGERI.** A rare genus from Baja California. 5", 35c.

**PEDIOCACTUS SIMPSONII.** Beautiful pink blossoms. Winter hardy. 1½", 30c.

**DOLICHOHELE LONGIMAMMA.** Handsome golden yellow blossoms! 1¼", 25c.

**DOLICHOHELE SPHAERICA.** Shorter nipples. 1½", 20c.

## FANCIER'S COLLECTION OF MAMILLARIAS

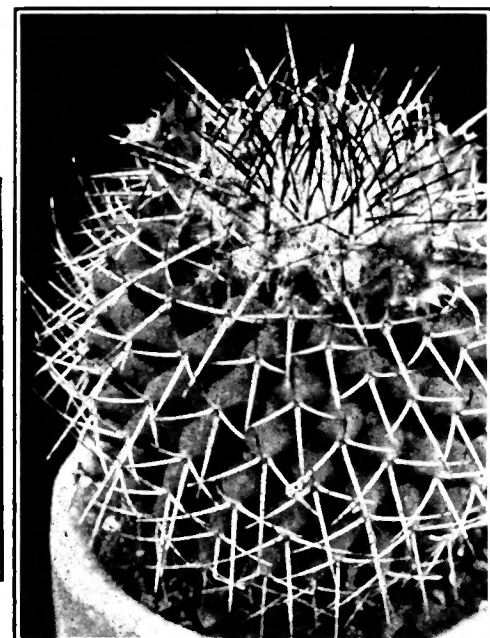
Collection No. F5

All Plants Correctly Labeled

**15** Choice specimens in well contrasted varieties. All A-1 plants. **\$2.50**

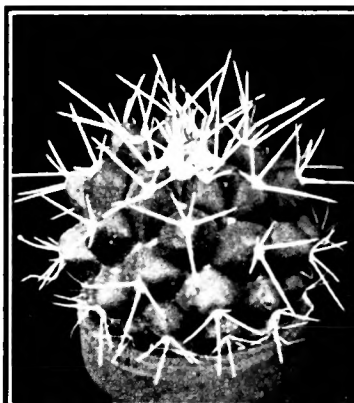
Collection No. F6

**35** Choice specimens in a wide selection of many types. **\$5.00**



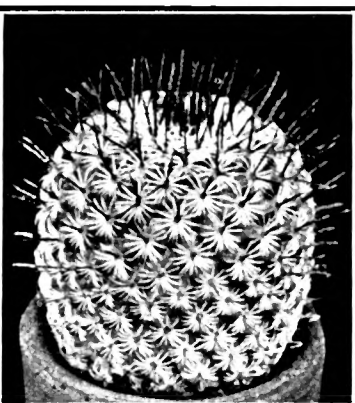
**MAMILLARIA PHAEACANTHA**  
Natural size

A charming species that I particularly recommend because it commences to bloom in the second year and flowers rather steadily throughout the summer. Blossoms are ruby red and are borne in a circle near the top. I have a few 2" and 3" at 50c. Fine 17c plants, some of which have already flowered.....



**MOTHER OF HUNDREDS**  
*Mamillaria compressa*

A pretty variety with white spines and brilliant ruby-red blossoms imbedded in masses of white cotton giving the plant the appearance of being covered with snow. It eventually branches forming close packed mounds with scores of heads! A winter bloomer. 1½" plants..... **25c**



**VAUPEL'S PINCUSHION**  
*Mamillaria Vaupelii*

One of the prettiest of the smaller richly colored Pincushions. The erect central spines are bright fox red, a beautiful sight when the sun is shining through the glossy spines! The plants grow singly and may eventually reach 2" in diameter. A choice species. 1" specimens..... **21c**



**PINCUSHION**  
*Mamillaria Kewensis*

A rapid growing species of which our customers write that it often reaches a foot in height in 3 or 4 years! Makes a prize specimen for with age it assumes an entirely different aspect. Blooms profusely with crimson flowers followed by pale pink fruits. 1½"-2"-35c. 1" **17c**



#### BISHOP'S CAP

##### *Astrophytum myriostigma*

A popular and curious plant from Mexico bearing 5 ridges, no spines, and is as white as though carved from marble. Blooms exceptionally freely all summer long. Very easy to grow. Larger plants, 35c.

Nice vigorous plants..... **23c**

## ASTROPHYTUM

To this grand genus belong four of the most interesting and popular cacti found in Mexico. They are small plants though with age they may reach a foot in height. All of them are quite free in flower as you may see by the color photo above. The plants are rigid as though carved from stone and no collection is complete without all of them.

**CULTURE.** They grow readily in the window garden and are not too particular liking a sunny location if you have it. Give them a porous, sandy soil. In watering do not keep them wet but see that they are barely moist. I have found that they seem to enjoy a portion of old plaster or powdered eggshells and a sprinkling of charcoal or crushed bricks mixed with their potting soil. They are found wild on limestone hills where the rainfall is meager. You will find them easy to succeed with.

**Bishop's Cap.** (*Astrophytum myriostigma*). See above.

**Star Cactus.** (*Astrophytum ornatum*). This handsome species is illustrated on pages 8 and 12. The ridges are whorled and bear clusters of spines the plant body being beautifully flecked with hundreds of white dots! Handsome yellow blossoms. 1"-1 1/4", 35c. 1 1/2", 50c. Nice young plants, 25c.

**Goat's Horn.** (*Astrophytum capricorne*). The ridges are tightly spiralled and bear few spines. The plant is heavily white spotted. The blossoms are beautiful, the fine yellow petals shading into a rich red throat! Blooms when small but grows slowly. 1 1/4", 35c.

**Sand Dollar.** (*Astrophytum asterias*). One of the oddest looking of Cacti being shaped like a sand dollar, pale green, smooth, rounded and divided into 5 to 7 sectors like a pie. Has no spines. Fine straw yellow blossoms with reddish throat. 2 1/4"-3" mature, flowering, well established specimens, 50c.

*Astrophytum capricorne major*, 1 1/4", 35c.

*Astrophytum capricorne minor*, 1 1/4", 35c.

*Astrophytum capricorne senilis*, 1", 35c.

*Astrophytum myriostigma coahuilensis*. This is a smaller growing but very white variety, 35c.

*Astrophytum myriostigma columnaris*. A taller, more slender growing variety, 35c.

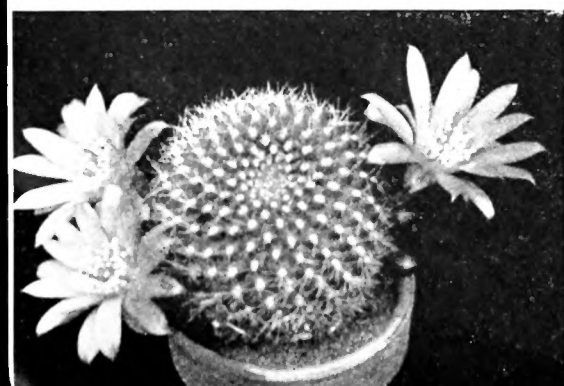
*Astrophytum myriostigma potosina*. A rapid growing variety with wider spaced dots, 35c.

*Astrophytum myriostigma tetragona*. Don't fail to have this one! Always grows with 4 sides instead of the conventional 5. A very rare plant. Nice 1"-1 1/4" plants, 35c.

*Astrophytum ornatum Mirbelii*. This retains its heavy spotting into full maturity. A very handsome plant. 1 1/2", 50c. Nice 1" specimens, 35c.

#### REBUTIA SENILIS AURESCENS

The Rebutias are small round Cacti with harmless bristles in place of spines. They have beautiful scarlet or crimson blossoms that are borne from the base of the plant. Like moisture and some shade..... **35c**



# The ECHINOCACTI

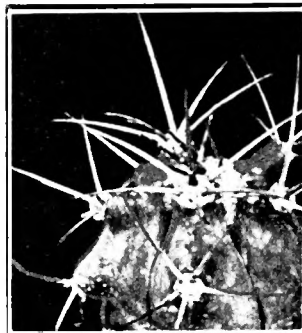
## OR BARREL CACTI

These fine Cacti represent a large section of the Cactus family and to the group belong many of the prettiest flowered and most delicately spined genera. They are widely distributed from the Western United States all the way to Patagonia and climb from spray drenched sea cliffs to the dismal shores of Lake Titicaca 13000 feet up on the shoulders of the vast Andes. Many of the South American genera need a trace of protection from the summer sun. Others, as our California Barrels, seem to choose the

**CULTURE.** Since they vary so greatly in their habitats specific instructions are given with the various genera. In general the more fierce the spiny armament the more attention should be given to drainage and the less water they need. The tender green-bodied kinds like the Rebutias will appreciate more moisture and some protection. All of them like plenty of air and sunlight and if they can be put outdoors on a porch or in the garden protected by a pane of glass from long wet spells they will show their appreciation.

We find they all do equally well in soil composed of 1 part loam, 1/2 part leafmold, 1 part sharp sand with a dash of charcoal and air-slaked lime or powdered eggshells.

However, it is to be noted that with acquaintance you will find your own ways of securing the results you want.



#### FEROCACTUS INGENS

A typical Mexican Barrel Cactus. Grows to a large size. 23c.

## ANCISTROCACTUS

An interesting genus with erect hooked central spines and ovoid, strongly tubercled, indistinctly ribbed plants. An anomalous genus sometimes put with the Mamillariads at others with the Echinocacti.

*Ancistrocactus Scheerii*. A neatly spined plant with yellow green flowers from Texas flowering in early summer. 1 1/4", 20c. 2". 25c. 3"-4" Mature, 35c.

## AREQUIPA

This curious genus is found only in the mountains of northern Chile and Peru. It is characterized by its slender tubular scarlet flowers. The plants are named after the town near which they are found in abundance.

*Arequipa Weingartii*. A newly described species. Small and probably caespitose. Wispy hairs in the areoles. 2", 50c.

## DENMOZA

Botanically this is sometimes put near the Cereae but its habit of growth is that of a Ferocactus. The red flowers are closed, zygomorphic and borne among straight slender spines quite different from the red curved spines produced by non-flowering areoles. Though they are normally globular with great age they become cylindric reaching a height of 5 feet.

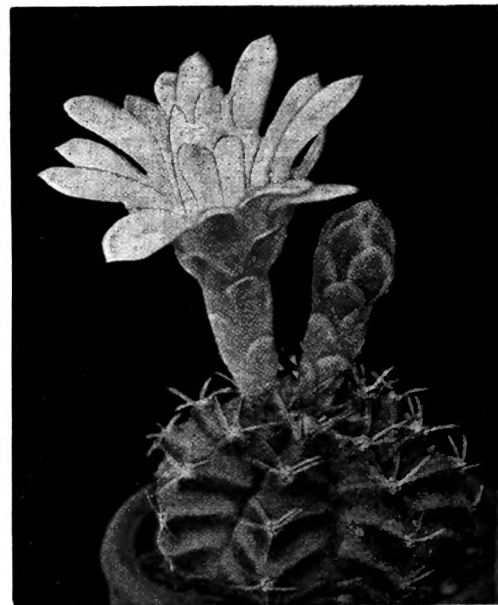
*Denmoza rhodacantha*. The only species is found in the mountains near Mendoza, Argentina. The generic name is an anagram of Mendoza. A rare plant, it forms a handsome and much prized specimen. 2"-2 1/2", 50c. 3 1/2"-4", \$1.25.

**LEMON VINE CACTUS** (*Pereskia aculeata*). Bears leaves like a lemon tree! Clusters of fragrant cream blossoms. A true cactus. 20c.

## ECHINOCACTUS

### HEDGE HOG CACTI

These are the true Hedge Hog Cacti and are found in the west and in Mexico. The plants become large, thick and cylindric with many ribs the top often being clothed with a mass of silky wool. The flowers emerge from the dense wool crown and are generally yellow.



#### GOLDEN BALL CACTUS

##### *Notocactus Leninghausii*

The entire plant is thickly clothed with soft, harmless old-gold colored hair! Visitors who see it exclaim over its unique beauty. It grows readily its fibrous roots liking a little extra moisture. Though it is very rare and you will not find it offered elsewhere I have a few perfect plants to offer in various sizes. 1 1/2", 50c. 2 1/2", \$1. 5", \$2.50.

Attractive smaller specimens..... **27c**

## ACANTHOCALYCIUM

A genus closely allied to Echinopsis differing principally in having the short tube of the flowers covered with chaffy scales. They are all found in Argentina where they grow on the precipitous flanks of the foothills and mountains. Of very easy culture.

*Acanthocalycium formosum*. This reaches quite a large size, perhaps a foot in diameter, and is thickly covered with straight stiff spines. Flowers yellow. 3", 75c. 4", \$1. 6", \$2.

*Acanthocalycium spiniflorum*. A very rare species with rose lilac flower. 3", \$1.

*Acanthocalycium violaceum*. Turn to color plate on page 18.

## JOHNSON'S CACTUS FOOD

Will prove of great benefit especially where plants have filled their pots full of roots. Mildly stimulates growth. Per bottle, 50c.

#### STRIPED CHIN CACTUS

##### *Gymnocalycium Mihanovichii*

This is a most attractive small plant blooming when quite young and seldom growing more than 2" in diameter. The Chin Cacti are a very charming group of small Barrels most of them being very free bloomers, the blossoms being quite large for the plants and attractively colored in pink, white, or yellow. This one should not become too dry..... **35c**



**CULTURE.** They are quite shallow rooted, enjoy a porous soil and a sunny position. They will take a fair amount of water after being established but on the desert may go years without a drop.

**Echinocactus Grusonii.** (Golden Barrel). A glorious species. See Page 15.

**ECHINOCACTUS INGENS.** This is an enormous species reaching 4' to 5' in diameter and 5' tall. It grows on sandy gravelly mesas in Mexico. Young plants are often glaucous blue. 2", 35c.

**Echinocactus grandis.** This majestic species may become 2' in diameter and 6' tall with many narrow ribs. Young plants are often tinged with blue with wool in the areoles. Found in limestone hills. 1", 1 1/4", 25c. 2", 35c.



**Echinopsis Kratochviliana.** 1/2 nat. size. One of the prettiest of this small, shade loving group of dwarf Echinopsis. They are flat topped tender green plants with few weak hooked spines and many shallow ridges. They are found in grassy glades and like humus in the soil together with crushed egg shells or old plaster. Charming white flowers abundantly produced during the summer. Nice plants..... **31c**

**Echinocactus helophorus.** A variety of ingens but plants several inches in diameter are handsomely banded purple and green! 1 1/4", 25c. 2", 35c.

**Echinocactus Palmeri.** A more slender yellow spined species reaching with great age 6 feet in height. 1 1/4", 25c.

#### ERIOSYCE

A very scarce genus from Chile and the Argentine where it is found in the mountains at elevations of 6000 to 7000 feet.

**Eriocyse korethroides.** A newly discovered species from the Andes of Northern Argentina. Spines straight, chestnut brown. 1", 1 1/4", 30c. 2", 50c.

#### STRAWBERRY CACTUS

**Hamatocactus setispinus.** nat. size.

A patch of these is never without flowers in the summer! It blooms in profusion and over a long period. A great favorite with our customers growing freely and flowering when quite small. Larger flowering specimens 2", 35c. 3", 50c. Nice plants..... **25c**



## ECHINOPSIS OR EASTER LILY CACTI

Because of their handsome lily-like blossoms and the great freedom with which they bloom these are still perhaps the most popular of the South American flowering cacti. They seem to thrive under the most varied conditions and live to a great age some of my customers writing that they have plants well over 25 years old that still bear dozens of flowers each season. Plants are generally orange-shaped but with age they become tall-cylindric and may often have 10 to 15 flowers open at once. A most interesting fact is that if one species is in flower all the others in the neighborhood will be in full flower also! The blossoms generally open in the evening but remain open until noon and if cool or cloudy all day. They are all native to Argentina, Brazil and Bolivia.

**CULTURE.** Many of them stand considerable water and a fairly rich soil. In my garden I top dress E. multiplex with cow manure each summer though I certainly would not recommend such treatment except where they had plenty of sunshine. They bloom through spring and summer.

**Echinopsis albiflora.** A very free blooming plant with graceful white blossoms. Grows easily. 2", 35c.

**E. albispinus.** Very rare. 2", \$1.

**E. ancistrophora.** A high mountain species with showy green and white flowers. The stems are simple, subglobose and shining green. 3/4"-1", 35c.

**E. Bridgesii.** A very large, white flowered species from Bolivia. The blossoms are full with wide ruffled petals the tube with scales filled with long gray hairs. 2", 50c. 3", 75c. 4", \$1.



#### DAM'S CHIN CACTUS

**Gymnocylcium Damsii.** nat. size.

This perpetual flowering Gym is one of the very easiest to grow. It does not like too dry a soil and will grow well even in the shade. It comes into flower when hardly more than an inch in diameter and rarely gets larger than 2" across. The flowers vary from white to pink and even pale yellow. You will enjoy this one. Good sized blooming plants, 35c. Nice young plants..... **20c**

**E. calochlora.** Handsome shiny pale green plant. Flowers frilly-petaled white with black hair on the tube. Very attractive. Needs some shade. 1 1/2", 25c. 2"-3", 50c.

**E. campylacantha.** This fine cone-shaped plant has long, curved, dark colored spines and charming pale lavender blossoms. 3/4", 25c.

**E. Huottii.** A splendid plant reaching a large size and bearing big frilly white blossoms. A very distinct Bolivian species not closely related to any other. 3", 50c. 4", 75c. 6", \$1.25.

**E. x. Johnsonii.** One of the handsomest of all with dark pink blossoms and frilly petals blooming when quite small though old plants reach a height of 2'. Extraordinarily free flowered often having 10 to 15 flowers at a time! Blooms many times during summer. 2", 75c. 3", \$1.

**E. leucantha.** A quick growing variety with pale lilac flowers. Very pretty. 3", 50c. 4", 75c. Smaller, 35c.

**E. x. Los Angeles.** This may be a species but it certainly is one of the very finest of Easter Lily Cacti bearing a crown often of 15 or more dark pink frilly flowers. The plant grows quite large, broadly ribbed with very short spines. Fine 2 1/2", 50c.

**E. mirabilis.** One of the quaintest of all and flowering when only an inch tall! A thumb shaped, blackish plant with odd, very narrow petalled, whorled blossoms opening at night 17c.



#### ECHINOCEREUS BLANCKII

**Hedge Hog Cereus.** 2/3 nat. size.

These handsome blossoms are borne on small clustered cacti found growing along the Rio Grande River in southern Texas. The plants are slender, procumbent, the size of one's finger and root as they go forward. I have a number of nice plants beginning to cluster raised from the one this picture was made from. The flowering period is in spring as the plants awaken from their winter rest. Plants beginning to cluster..... **23c**

**E. obrepanda.** A very rare species from Bolivia. 1 1/2", 75c.

**E. paraguayensis.** Pink flowers. 3", 4", 75c.

**E. pelecyrhachis.** A rare mountain species from Salta, Argentina. 1/2"-3/4", 25c.

**E. polyancistra.** A new species with charming white flowers borne near the base of the squat plants. 8000' elevation in Argentina. 3/4", 25c. 1"-1 1/4"-2", 35c.

**E. RHODOTRICHA ARGENTINIENSIS.** A dark bluish globe with dark spines and handsome lavender colored blossoms! Fine. 1/2", 19c. 2"-2 1/2", 35c.

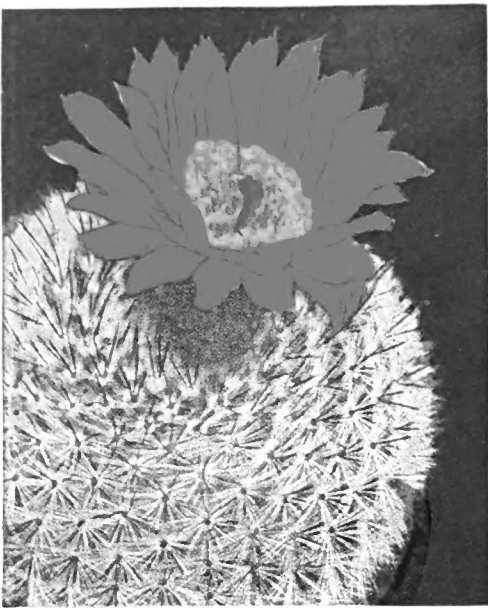
**Echinopsis Ritteri.** An extremely handsome species from the mountains of Bolivia. The huge white blossoms are 10 inches long borne from the crown of the plant! Very choice. 3/4", 25c. 2 1/2", 60c.

**E. SYLVESTRII.** This large white flowered species is very choice with broad overlapping petals and long tube over 6" in length the scales bearing black hairs. Fine. 3", 75c. 4", \$1.50. 2", 40c.



#### INDIAN HEAD Notocactus Ottonis

Let me recommend this free blooming cactus to everyone for its flowering period extends over many months during the summer. It is a pretty, small plant with harmless russet spines, grows easily under all conditions and is attractive all the time. I have some nice 3 year old plants that should flower this spring. Larger. 35c. Medium..... **22c**



**SILVER BALL**  
*Notocactus scopae*

The Silver Ball makes a striking specimen plant even pea-sized seedlings having all the characteristics of older plants. As the color photograph shows the plant is thickly clothed with white bristles interspersed with slightly longer red ones. Grows quickly, easily under all conditions. 1 1/2", 50c. 2-2 1/2", 75c. 2 1/2-3" specimens, \$1. Perfect small plants. **23c**

**E. TURBINATA.** A charming species with hardly any spines, dark green body and long pretty white blossoms. Free in bloom. 25c. 3", 50c.

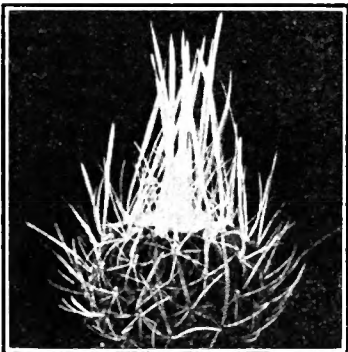
**E. variabilis.** Pink. 25c.

## OPUNTIA PRICKLY PEARS

**Conoidea rubescens.** A "tree" with handsome flat bronze-red pads. 5", 35c.

**Opuntia lurida cristata.** Fine 12" waved crests. A splendid plant. \$2.

**Opuntia pubescens.** Handsome tree with almost spineless pads. Fine. 25c.



**Brain Cactus**

Bear many thin, wavy ribs sometimes 100 but at first have nipples like a Mamillaria to which they are related.

Though easy to grow, they are quite rare in collections. Treat as for Mamillarias. 30c.

## BRAIN CACTUS *Echinofossulocactus (Stenocactus)*

The various species differ greatly in their spines and purple striped flowers.

**Echinofossulocactus anfractuatus.** 1 1/2". 35c. **E. ceriformis.** 1 1/4". 35c. **E. coptogonus.** 1 1/4". 35c. **E. debilispinus.** 35c. **E. esperanzianus.** 35c. **E. flexispinus.** 35c. **E. gladiatus.** 35c. **E. griseacanthus.** 35c. **E. lamellosus.** 35c. **E. multicostatus.** 25c. **E. obvalatus.** 35c. **E. oligacanthus.** 35c. **E. Parksianus.** 35c. **E. pentacanthus.** 35c. **E. phyllacanthus.** 30c. **E. poslanus.** 40c. **E. Sausleri.** 35c. **E. Vaupelianus.** 35c. 2". 50c.

**THELOCACTUS Wagnerianus.** 1". 20c. **T. Roseanus.** 1". 30c.

## FEROCACTUS

### BARREL CACTUS

Familiar sights in the burning desert mountains of the Southwest they stand sentinel over the lonely wastes, yellow in the level rays of the rising sun, golden in the purple twilight. Give them a porous, sandy soil remembering not to keep their feet wet and they will reward you with healthy growth.

**FISH HOOK BARREL.** (*Ferocactus latispinus*). A globe heavily armed with stout red or yellow spines brightest when wet. Only the central spine in each cluster is hooked. A very attractive species widely distributed in Mexico. 21c.

**BLUE BARREL.** (*F. glaucescens*). An attractive blue green plant with curved bright yellow spines. A very pretty combination. 2 1/2", 50c. 3", 75c. 1"-1 1/4" 25c.

**Ferocactus acanthodes.** (California Barrel). The majestic species found growing in the Devil's Garden on the Colorado Desert. 25c.

**Ferocactus coloratus.** New species. 25c.

**Ferocactus corniger.** See *F. latispinus*.

**Ferocactus Covillii.** A large species found in Arizona and Mexico. 20c.

**Ferocactus dasyacanthus.** 1", 25c.

**Ferocactus echidne.** A large Mexican species with yellow spines and lemon flowers. 25c.



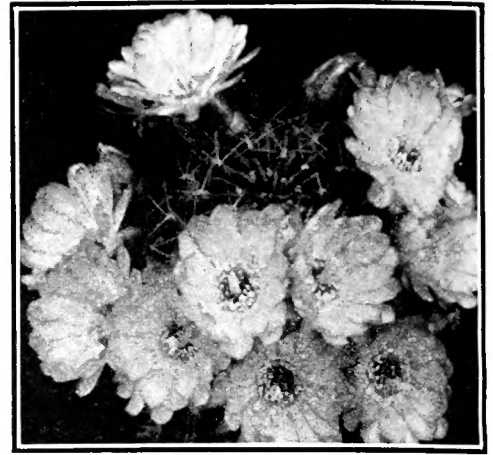
## ECHINOPSIS HAMATACANTHA

This dainty little mountaineer sparkles the margins of grassy glades in the Argentine highlands. The blossoms are white or tinged with rose. It wants protection from the too ardent rays of the sun and a little moisture at all times when it will grow readily blossoming in the spring. 2-2 1/4", 50c. 1" **22c**

**Ferocactus flavovirens.** A handsome species branching with many heads, at last forming great mounds. Very rare. 35c.

**Ferocactus Fordii.** A small species growing on the bluffs of Baja California. 1"-1 1/2", 25c. 2", 35c.

**Ferocactus horridus.** A strongly armed species from Baja California. 2"-2 1/2", 25c.



**LOBIVIA HERTRICHIANA**

The Lobivias bloom quite freely and you will note that most of the blossoms come from near the base. This species has brilliant ruby-red blossoms and blooms in June and July. Give them a porous sandy soil and a fair amount of water while growing. It blooms when small. **25c**

**Ferocactus macrodiscus.** A small, very rare mountain species. 1", 35c.

**Ferocactus melocactiformis.** A fine globular species of Mexican origin. 2 1/2", 35c.

**Ferocactus nobilis.** A rare species. 3/4", 35c.

**Ferocactus Orcuttii.** B. California. 2"-3", 35c.

**F. penninsularis.** From B. California. 2", 25c.

**F. rataelensis.** Rare. 1 1/2", 40c.

**F. Stainesii.** A rare species, mature plants having long white hairs in the areoles and bright pink spines. 1 1/4", 25c. 1 1/2"-2", 50c.

**Ferocactus Townsendianus.** From B. California. 2"-3", 35c.

**Ferocactus Wislizeni.** (Candy Barrel). A pretty, fish-hook spined, red Barrel from Arizona. Cactus candy is made from the stems. 25c. 2"-3", 35c.

**Ferocactus viridescens.** A small flat-topped disk-like species from the coastal hills of San Diego, California. 1", 20c.

**BURBANK'S SPINELESS CACTUS.** (*Opuntia ficus-indica*). These fine fruiting Prickly Pears bear immense quantities of large orange "pears," 35c. Larger pads, 75c.

## 10 WHITE HAired CACTI

### Collection F8

These popular white haired cacti make a fascinating group for a large bowl garden.

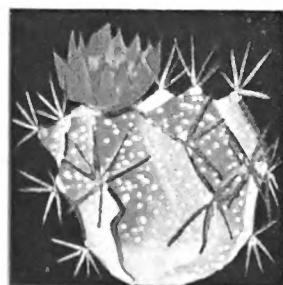
Snow Ball, Old Man, Silver Torch, Powder Puff, Woolly Torch, Mamillaria elegans, Mam. Kunziana, Cotton Cactus, Grizzly Bear, Mamillaria Werdermanniana.

All 10 for **\$1.75**

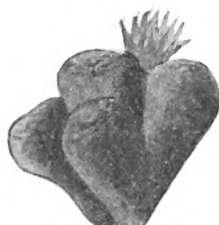
## T O Y CACTI

### COLLECTION

No. F7



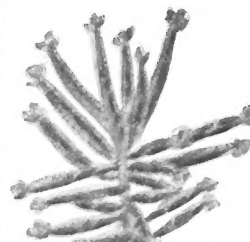
**STAR CACTUS**  
Handsome gold blossoms with a red throat. Popular but rare Mexican plant, 25c.



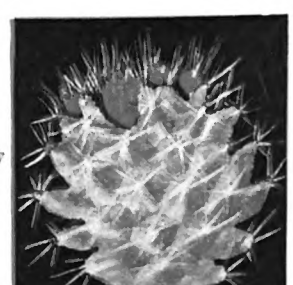
**STONE FACE**  
These Lithops closely resemble beautifully marked pebbles. 25c.



**HARTS TONGUE**  
Pretty spotted white and green. Easily grown with handsome flowers. 25c.



**AIR PLANT**  
Grows young plants on the tips of the leaves! Curious. 15c.



**DUMPLING CACTUS**  
Fine for small gardens for it bears many red blossoms when quite young. 17c.

A DISH GARDEN. Beautiful. Interesting. A table decoration unsurpassed. Five easily grown plants for a 4" or 5" bowl. **95c**



# CACTUS SUPPLIES

**F**EW things are needed in the growing of Cacti more than interest and a desire to collect them. However, for the city dweller and the more serious collector I am offering a few things that may make their culture easier.

## JOHNSON'S CACTUS FOOD

At last a fertilizer especially prepared from my own formula that will make your cacti grow and bloom! It is very highly concentrated, sugar-like in appearance and dissolves in water. Use a quart of water to a teaspoonful and watch your plants grow. May be used in conjunction with Vitamin B<sub>1</sub>.

Glass Jar, 114 grams. 50c.

## JOHNSON'S CACTUS SOIL CONDITIONER

Of great assistance in keeping Cacti in good health it is designed to add the minerals ordinary garden soils often lack. Desert soils are often high in mineral content for there is little rain to leach them away. A spoonful of my Conditioner placed about a Cactus plant and stirred lightly into the soil will often bring an ailing one back to health. With full instructions.

Small Size, 10 oz. 60c.

Large Size, 2 lb. 8 oz. \$1.00.

## JOHNSON'S CACTUS COMPOST

Mix with your own sand and soil.

An economical compost for Cacti and Succulents which when mixed with equal parts of sand and light loam makes a very suitable soil for all desert plants. Composed of our reclaimed sclerophyllus leafmold, charcoal and Soil Conditioner in the proper proportions for all potted Cacti. A light and bulky mixture.

2 lb. 8 oz. bag, prepaid. 60c.

4 lb. 10 oz. bag, prepaid. \$1.00.

## OUR SPECIAL CACTUS LEAFMOLD

A sclerophyllus desert leafmold collected where the cacti grow wild. For mixing with equal parts of sand and loam it is very economical for it is cleaned, sifted and very light and dry.

2 lb. 8 oz. bag, prepaid. 50c.

## OUR CACTUS SOIL

Our own especially prepared soil used exclusively here at the nursery.

Since it is heavy I offer it simply as a check so that you may know how to mix a suitable cactus soil yourself.

Sample 25c.

2 lb. 10 oz. bag, prepaid. 50c.

## HARDWOOD CACTUS CHARCOAL

Keeps soils "sweet" and aerated. A helpful ingredient for heavy soils.

Per quart 25c.

## CACTUS PESTS AND TREATMENT

Our special instruction sheet describes common cactus pests and treatment. With formulas and bottle of Red Arrow spray 45c.



3  
YEARS  
OLD

## Orchid Cacti FLOWERING PLANTS

A chance to get real specimen flowering size plants of these huge and gorgeously flowered Orchid Cacti at a very low price. Remember they are postpaid.

Each 16"-24" \$1.00.

## BLOOMING SIZE PLANTS

### ORCHID CACTI COLLECTION F 14

I could not offer such large plants at the low price of 50c each except where they are all packed together. You get the postage savings in larger plants! Especially grown for this popular collection.

5 Unlabelled Varieties.....\$2.50

## Two Books You Will Enjoy

Increase your pleasure from these fascinating plants by having these two reference books to turn to when you want to know further about your plants.

### CACTI FOR THE AMATEUR

This 136 page book has a great deal of information about Cacti and scores of fine photographs. It is written for the beginner with chapters on potting, window gardens, soils, watering, glass houses, propagation, seed sowing, and many other interesting topics. Postage prepaid.....

\$1.10

### SUCCULENTS FOR THE AMATEUR

This well written book by J. R. Brown is most comprehensive and introduces the beginner to over 800 fascinating succulent plants and illustrates over 400 kinds, many in color. All the various succulent groups fully described with cultural notes.

167 pages. Prepaid.....\$1.60

# The NEW SAND CULTURE for CACTI

**H**YDROPONICS is the scientific name for growing plants in culture solutions. This new science is rapidly proving its worth and for the cactus enthusiast has especial points of interest. One may grow his plants in clean, porous sand thus at once preventing any possibility of overwatering. The culture solution contains all the minerals the plants need in just the correct scientific proportions.

Vitamin B<sub>1</sub> used in conjunction is a great root producer assuring the plants of a healthy absorbing system.

Sand being quite sterile and porous there is little danger of stagnant soil from too frequent waterings which may sometimes result in the decay of plants. The least skilled grower may have as much success as the most careful and experienced cultivator.



Plant-Chem contains some thirty chemical salts in powder form and keeps indefinitely. One to two scant teaspoonfuls make a gallon of solution which should be applied about once a week during the growing season and less frequently while the plants are resting in winter. The Vitamin B<sub>1</sub> tablets may be added directly to this nutrient solution.

## WRIGHT'S

### Vitamin B-1 Tablets

For use in any soil.

Works miracles on cacti bringing refractory plants into bloom in any soil. Don't

fail to use this wonder working solution. Better Homes and Gardens tests on Cacti records wonderful success attained in flowering slow plants. We are having astounding results at our nursery!

Each tablet makes 2 gallons of solution.

150 tablets with full instructions.....

\$1.10

## PLANT-CHEM SALTS

Now Grow Prize Cacti the Easy Way

Cacti grown in pure sand and watered regularly with this nutrient solution make a healthy, vigorous, normal growth their roots luxuriating in this air-filled matrix.

Plant-Chem contains in scientific proportions the 30 chemical salts necessary to the growth of all plants.

12 1/2 gallon pkg. 35c.

25 gallon

pkg.....50c



## SAND CULTURE KIT

Collection F 15

Complete instructions on growing Cacti and Succulents with nutrient solutions in sand. Simplifies watering. Makes the most difficult desert plants easy of culture. Particularly useful where winters are long and damp.

150 tablets Wright's Vitamin B<sub>1</sub>. 25 gallons Plant-Chem and instructions.....

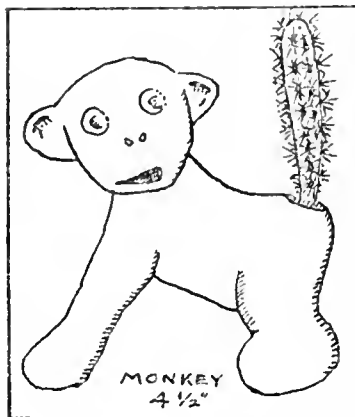
\$1.50



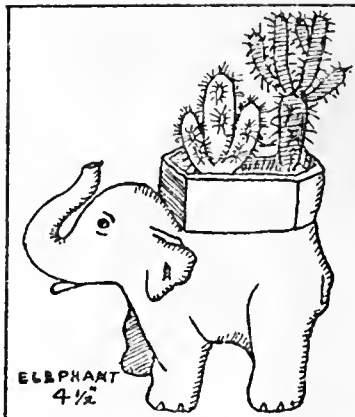




Mexican donkey cart with load of 3 Cacti. 80c.



A quizzical monkey with cactus tail. 60c.



Elephant with howdah. 80c. Camel with cactus (3). 80c.



Dachshund with Gasteria bow and cactus tail. 75c.

KITTEN  
5" long  
EACH  
75c



## Cactus Seed

Fresh Seed Collected in 1939-1940

Many of our customers have asked us to list Cacti and Succulent seeds. For those who care to experiment many kinds germinate freely in a warm place. Sow seed in a pot or small box covering with a pane of glass and sheet of newspaper. A pyrex baking dish with lid is excellent. Comes up generally in 1 to 4 weeks depending on temperature.

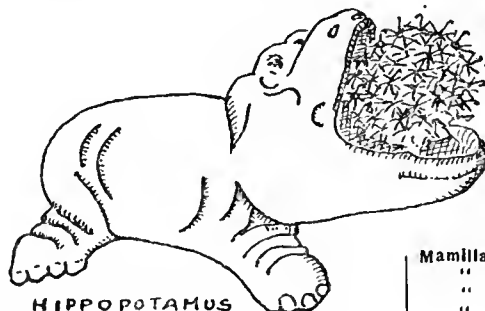
Full planting instructions with order.

Minimum order 25c.

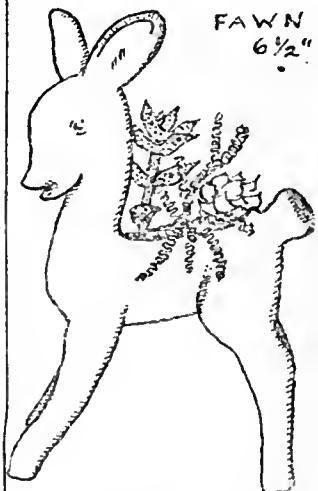
Mixed Cactus Seeds, generous pkt., 50c

Barrel Cactus (Ferocactus),	
Mixed varieties.....	10c
Mamillarias (Pincushion),	
Mixed varieties.....	10c
Echinopsis (Easter Lily), Mixed.....	10c
Echinocereus, Mixed varieties.....	10c
Orchid Cactus, Mixed varieties.....	10c
10 seeds.....	10c
Living Rock (Pleiospilos),	
Mixed.....	15c
Stone Faces, Mixed varieties.....	25c
Cereus, Mixed varieties.....	10c
Parodias, Mixed.....	10c
Trichocereus, Mixed.....	10c
Old Man.....	15c
Coral Cactus.....	5c
Acanthocalycium violaceum.....	10c
Astrophytum myrtilloides.....	15c
Brittonia Davisii.....	5c
Cephalocereus Brooksianus.....	15c
" Deerhorn.....	15c
" euphorbioides.....	10c
" Palmeri.....	10c
" senilis.....	15c
Cleistocactus angulatus.....	10c
" Baumannii.....	5c
" colubrinus.....	10c
" smaragdiferus.....	10c
" Strausii.....	10c
Echinocactus Grusonii.....	10c
Echinocereus Berlandieri.....	10c
" luteus.....	10c
" Markeri.....	5c
" pappulosus.....	10c
" pectinatus.....	10c
" Poselgerianus.....	10c
" Rosei.....	15c
Echinopsis Bridgesii.....	15c
" campylacantha.....	25c
" Huottii.....	15c
" Kratochvilliana.....	15c
" leucantha.....	10c
Echinopsis lobivoides.....	20c
" pelocyrrhachis.....	20c
" polyancistra.....	10c
" rhodotricha.....	10c
" turbinata.....	5c
" hybrids.....	5c
Eriocereus Bonplandii.....	5c
" Guellchii.....	10c
" Jusbertii.....	10c
" Martinii.....	5c
" tortuosus.....	10c
Ferocactus acanthodes.....	10c
" Fordii.....	10c
" latispinus.....	10c
" Palmeri.....	5c

Ferocactus penninsulæ.....	5c
" Townsendianus.....	5c
" Wislizeni.....	5c
" Wislizeni.....	5c
Gymnocalycium Damsii.....	10c
" Fleischerianum.....	15c
" Mihanovichii.....	10c
" Quelchianum.....	10c
" Schickendantzii.....	5c
Hamatocactus setispinus.....	5c
Harrisia eriophora.....	5c
" euphorbioides.....	5c
" fragrans.....	5c
" Simpsonii.....	5c
Homalocephalus texensis.....	10c
Hylocereus undatus.....	10c
Lobivia aurea.....	15c
" Backebergii.....	15c
" Binghamiana.....	15c
" fanatimensis.....	15c
" Marsonieri.....	15c
" Nealcana.....	15c
Mamillaria angularis.....	10c
" Belicottii.....	10c
" bocasana.....	15c
" bogotensis.....	10c
" camptotricha.....	10c
" caput-medusae.....	10c
" carnea.....	10c
" Celsiana.....	15c
" centriclirha.....	10c
" chinocephala.....	10c
" collina.....	10c
" crocodata.....	10c
" deoplenis.....	10c
" discolor.....	10c
" dolichothela.....	10c
" durispina.....	5c
" elongata.....	5c
" Schmollii.....	5c
" fuliginosa.....	10c
" hidalgensis.....	5c
" Hoffmanniana.....	10c
" Karwinskiana.....	10c
" kewensis.....	5c
" Kunthii.....	10c
" Knzeana.....	10c
" Lesaulieri.....	10c
" longicoma.....	10c
" MacDougalii.....	5c
" Malinae.....	25c
" mcianantha.....	10c
" microcarpa.....	10c
" microhelopsis.....	10c
" mutabilis.....	5c
" nigra.....	5c



HIPPOPOTAMUS  
5 1/2"



FAWN  
6 1/2"

## HIPPOPOTAMUS

Whose dripping jaws contain a succulent. Particularly effective in green. 75c.

## FAWN

A beautiful figurine attractively planted. Comes in all colors but is particularly effective in raspberry, mauve or white. 90c.

## CACTUS SEED

10 ten cent pkts. of Cactus seed—  
your selection..... 75c

# UNIQUE Cactus Pots

EVERYONE ENJOYS THEM  
The Perfect Gift for Friends

Prices Include Postage  
Pots Planted as Illustrated

These well designed animal figures are of fine glazed pottery tastefully planted and come in many attractive colors. White, black, light and dark green, yellow, blue, brown, chartreuse, raspberry, rose, red, orange, mauve. Choose your color but give us two or three choices as we cannot always secure just the one wanted.

CARE. Pots if watered occasionally will remain in good condition from 1 to 3 years. May be placed anywhere in light or dark locations.



## DUCK

5"  
EACH 75c

## Succulent Seeds

Mixed Succulent Seed,  
Per Pkt. 25c

Mamillaria perbella.....	10c
" phaeacantha.....	10c
" phymatothelo.....	5c
" polythela.....	10c
" potosina.....	10c
" pseudoperbella.....	10c
" rhodantha.....	5c
" chry.....	10c
" sacantha.....	10c
" Ruestli.....	10c
" Sartorii.....	15c
" Schelhasel.....	10c
" sempervivi.....	5c
Mamillaria stella-aurata.....	5c
" tetraacantha.....	5c
" uncinata.....	5c
" Waltheri.....	10c
" Werdermanniana.....	10c
" Wildii.....	10c
" Zuccarliniana.....	10c
Monvillea Cavendishii.....	10c
" maritima.....	10c
Neolloydia pilispina.....	10c
Neoporteria senilis.....	15c
Notocactus aprieus.....	15c
" concinnus.....	15c
" floriconimis.....	15c
" Graessneri.....	15c
" Hasselbergii.....	15c
" Leninghausii.....	15c
" Linkii.....	25c
" mammosus.....	15c
" ottonis.....	5c
" pampeanus.....	15c
" Schumannianus.....	15c
" scopia.....	15c
" submammosus.....	10c
" Velenovskii.....	15c
" lanata.....	10c
Parodia aureispina.....	10c
" chrysacanthion.....	10c
" microsperma.....	15c
" mutabilis.....	10c
" sanguiflora.....	25c
" scopalodes.....	10c
Piptanthocereus alacriportanus.....	10c
" chalybaeus.....	10c
" Dayanii.....	10c
" gonianthus.....	10c
" hexagonus.....	10c
" horribarbus.....	10c
" horridus.....	10c
" millesimus.....	10c
" peruvianus true.....	10c
" monstrosus.....	25c
" persissimus.....	10c
" reclinator.....	10c
" variabilis.....	10c
Rathbunia alamosensis.....	10c
Rebutia senilis.....	10c
Trichocereus huascha.....	5c
" lamprochlorus.....	5c
" santiaguenis.....	5c
" Schickendantzii.....	5c
" Snachianus.....	5c
" thologonus.....	5c
Aeonium nobile.....	5c
Aloe africana.....	5c
" aristata.....	20c
" ausana.....	10c
" echinata.....	10c
" Hanburyana.....	5c
" parvibracteata.....	15c
" variegata.....	10c
" zebrina.....	15c
Argemone patens.....	10c
Cheirodopsis Archeri.....	10c
" Carol-Schmidtii.....	10c
" peculiaris.....	15c
Cotyledon ausana.....	10c
Crassula hemisphaerica.....	10c
Dinteranthus inexpectatus.....	10c
" puberulus.....	10c
Dyckia sulphurea.....	5c
Echeveria elegans.....	5c
" gilva.....	5c
Euphorbia squarrosa.....	15c
Faucaria acutipetala.....	20c
" albidens.....	20c
" arrabidaei.....	20c
" Bosscheana.....	10c
" Brittenae.....	20c
" carinata.....	20c
" cradockensis.....	20c
" felina-Jamesii.....	20c
" Hoofiae.....	20c
" Jamesii.....	20c
" longidens.....	20c
" longifolia.....	20c
" lupina.....	20c
" Rynveldiae.....	20c
" tigrina.....	10c
Faucaria vanadons.....	20c
Lapidaria Margaretae.....	10c
Lithops alpina.....	25c
" bella.....	25c
" Comptonii.....	25c
" Framesi.....	25c
" Fulleri.....	25c
" fulviceps.....	25c
" Herrei.....	25c
" karasmontanum.....	25c
" Lercheanum.....	25c
" Leslie.....	25c
" Meyer.....	25c
" mickbergensis.....	25c
" olivacea.....	25c
" opalina.....	25c
" Peersii.....	25c
" pseudotruncatella.....	25c
" Schwantesii.....	25c
" summittum.....	25c
" terricolor.....	25c
" turbiniformis.....	25c
" umdauensis.....	25c
" Ursulae.....	25c
" Vallis-Mariae.....	25c
Nananthus Orpenii.....	5c
Odontophorus Meyeri.....	10c
" nanus.....	10c
Pleiospilos Archeri.....	10c
" Hilmari.....	10c
" magnipunctatus.....	10c
" Nelli.....	10c
" simulans.....	10c
Rimaria Comptonii.....	10c
" Luckhoffii.....	10c
Roechea falcata.....	5c
Sedum spectabile.....	5c
Urbinia Purpusii.....	5c



## AN INTERESTING HOBBY

Dear Sir:

Feb. 1, 1939

I am so happy over my cactus collection which I have ordered from you during the last two years. The Peanut Cactus has enlarged until it completely fills a 10" by 10" pot. The Thumbie Cactus has 20 babies growing around it and has blossomed all winter. The Grape Cactus, Guinea Pig, Lady Fingera, and Golden Stars are beautiful clustered plants which are covered with tiny flowers.

I have 31 different varieties in my collection and what an interesting hobby Cacti have turned out to be!

Yours sincerely,

MRS. V. H. BERRY

Ortonville, Minn.

## FRAILEA

Amongst the smallest of Cacti these green little plants are found hiding in meadows and on the hillside bearing cheerful blossoms in spring.

**CULTURE.** They like a loamy soil and enjoy a sunny place in the winter. Flower in the spring. Sometimes the flowers are cleistogamous.

*Frailea. Grabiliana*, 25c.

*Frailea. pumila*, 25c.

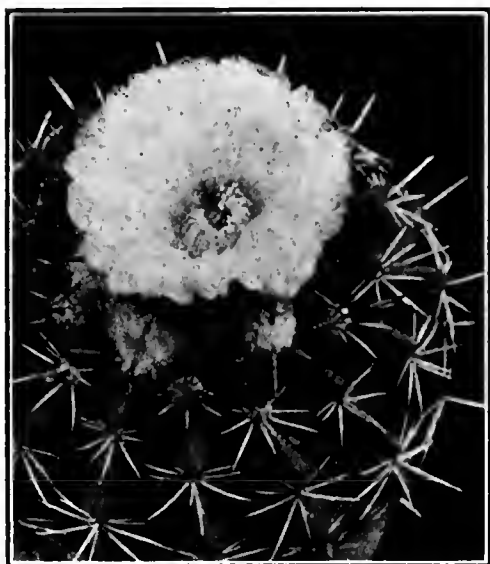
*Frailea. Schillinskyana*, 25c.

## HAMATOCACTUS

An anomalous genus found in Texas where it grows in thickets along the rivers. In cultivation they grow very freely flowering from spring till the frosts of autumn. Beds of them with us are always in flower and with their bright scarlet fruits they are most attractive. They require no especial care.

## CAT CLAWS

**HAMATOCACTUS HAMATACANTHUS.** This makes a fine specimen plant sometimes reaching almost a foot in height with long very hooked spines and reddish plant body. The ridges are strongly tubercled and the flowers are borne in a circle at the top of the plant. 2"-2 1/4"-35c. 2 1/4"-3"-50c. 3 1/4"-15c.



## COLUMBIAN BALL CACTUS

*Malacocarpus Hennisii* Nat. size

These small Barrels are very seldom seen in collections. They have bright yellow flowers produced several times during the summer. 35c

**Strawberry Cactus.** (*Hamatocactus setispinus*). See page 7 for color plate.

*Hamatocactus setispinus cactelianus*. A fine variety with spiraled ridges and light colored spines. Fine. 2"-25c.

## HOMALOCEPHALA

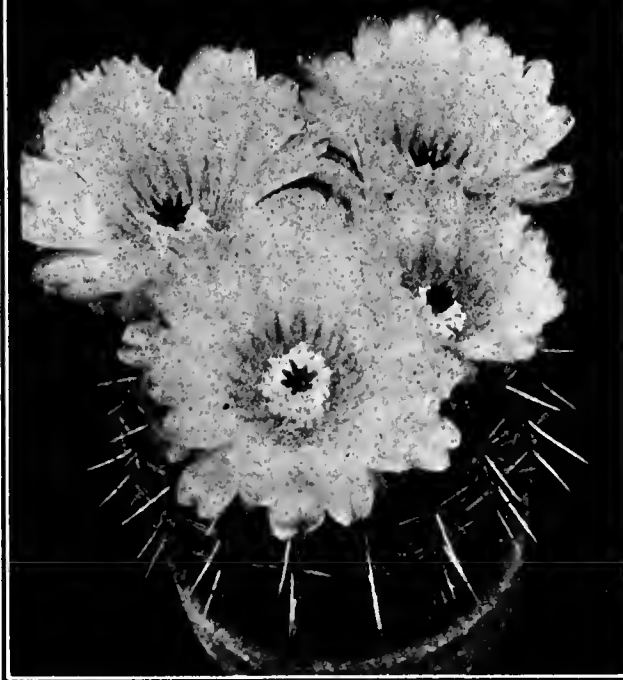
*Devil's Pincushion*

A fine, large flowered cactus with scarlet and orange petals shading to pink, blooming quite freely. The plants are flattened and round with few areoles and heavy spines. A native of Texas where it grows in abundance.

**HOMALOCEPHALA TEXENSIS.** The fragrant scarlet orange and pink blossoms open on several successive days. 2 1/2"-3"-flowering size 35c.

## RABBIT EARS—Opuntia microdasys

An old favorite prickly pear with golden glochids. Very easy to grow. Each 19c.



## NOTOCACTUS MAMMULOSUS

2/3 Natural Size

This is surprisingly floriferous and will often have several flowers at a time over a period of some months. Their cheerful yellow color is well set off by the crimson stigma nestling among the pale anthers. Grow very easily. Native to the mountains of Argentina and Brazil. 2" plants 35c.

Vigorous 3 year old plants that will flower soon

23c

## CHIN CACTI GYMNOCALYCIUM

The Gyms are a numerous branch of the Barrel Cacti found in South America principally Argentina. The name is difficult but simply means "naked bud" referring to the glabrous flower buds. The plants are generally small though a few become almost a foot in diameter! The ribs are few and tubercled while below each areole is a distinct "chin" so characteristic of the genus. The flowers of all are attractive sometimes larger than the plants that bear them pink, white or yellow in color with a few red ones.

**CULTURE.** They are of the simplest culture requiring no especial care. A mixture of sandy loam, leafmold and sand in about equal proportions seems to suit them well or just the loam alone will do. Some of them have a short taproot and during their resting period in winter pull themselves down almost flush with the soil. Keep them on the dry side in winter as with all cacti.

**Gymnocalycium Damsii.** See page 7 for color plate.

**Striped Chin Cactus.** (*G. Mihanovichii*). See page 6 for color plate.

**Pink Chin Cactus.** (*G. Bruchii*). A very small plant but with large, pink flowers! An exquisite thing when in bloom. Our plants flowered several times during the summer the blossoms being far larger than the plant. Spines are small and appressed, 35c.

**GIANT CHIN CACTUS.** (*G. Saglione*). This splendid species with age will reach a foot in diameter. The tubercles are large appearing somewhat like a big *Mamillaria*. The blossoms are pink and form a ring about the crown. Makes a magnificent specimen for show purposes. Won the prize for best plant in the Manchester Cactus Show. 2" 60c. 3". \$1.

**White Chin Cactus.** (*G. Schickendantzii*). See page 3 for color plate.

**Gymnocalycium Anisitsii.** A Paraguayan species with white and green flowers. 2". \$1.

**Gymnocalycium capillense.** A new species with rose white flowers. Small. 50c.

**Gymnocalycium Castellanosii.** New species. 75c.

**Gymnocalycium Delaetianum.** A fine species, dark green in color with chestnut brown spines. Grows to 4" in diameter with pink and white flowers. 1 1/2" - 3/4". 20c.

**Gymnocalycium Fleischerianum.** Attractive with bands of dark and light gray. Small. 40c.

**Gymnocalycium gibbosum caespitosum.** White flowers. 75c.

**Gymnocalycium gibbosum Schlumbergeri.** New variety. 35c.

**Gymnocalycium Joossensianum.** Very rare. 3/4". 35c.

**Gymnocalycium Kurzianum.** 50c.  
**Gymnocalycium multiflorum Albispinum.** Handsome many petalled flowers. 2". 75c.

**Gymnocalycium venturianum.** Bright crimson red flowers. Small. 75c.

## WELL-PACKED PLANTS

Gentlemen: April 24, 1939

I received my cactus some time ago and was thrilled and so pleased to get the extra ones you sent and they all arrived in perfect condition. I expected little plants and was so worried they would all be broken but the plants were so large and healthy looking. I am happy to report that my Red Orchid Cactus is in bloom and so many people have commented on it. It is beautiful. I think I am the only one here with one as no one has seen or heard of it before. Altogether I am very much pleased with them all.

When I can afford it I shall order more as they are the loveliest things I have ever seen.

Thanking you for your prompt delivery and for your careful packing, I beg to remain,

Sincerely,

MRS. JACK KRAMER

Ft. Thomas, Kentucky

## LEUCHTENBERGIA PRINCIPIS AGAVE CACTUS

This remarkable cactus does not look like a cactus at all for it has long finger-like tubercles surmounted by papery spines. The fragrant flowers are borne near the tubercle tips and are quite large, pale yellow with red throat and lasting for several days. 2"-60c. 3/4"-35c.

For a pretty Strawberry Pot with plants and soil prepaid see page 23.



## FROM AN ENTHUSIASTIC COLLECTOR

Dear Sir: Nov. 9, 1939

This view is of part of my collection of 40 cacti. The plants I received from you recently are all growing lovely and were in perfect condition.

Sincerely,

MRS. MERRILL GUTZMER

Whitewater, Wisconsin.

## DWARF CHIN CACTUS

*Gymnocalycium Quehlianum* Nat. size

The Chin Cacti are fascinating with their pretty, frilly flowers and odd compressed form. This one is from Argentina. They flower consistently all summer long. Give it a deep pot, sandy loam soil and a good rest in the winter time. 1 1/4"-35c. 2"-75c. 27c





#### A CACTUS SOLARIUM

This arresting window garden so tastefully executed is in the living room of Mrs. B. E. Thompson, Portage, Pa. Beveled glass shelves are supported on wrought-iron brackets or suspended by wrought hangars from the window top. The plants in attractively designed pots make pleasing allouettes.

## LOBIVIA

### Cob Cacti

These small Cob Cacti are mostly mountain species from Bolivia (of which Lobivia is an anagram). Some species are found at 13,000' elevation on the bleak shores of the world's highest body of water, Lake Titicaca. They are sometimes solitary, often clustering, easily separating. Often with fleshy roots. Some are heavily armed while the small clustering species have comparatively few spines. The blossoms are exquisite, generally of brilliant hues of red or yellow. They are new and scarce though extremely easy to grow. Many blossom when little more than an inch in diameter!

**CULTURE.** In general they require no particular care. Give them a sandy loam soil with good drainage. A little granulated charcoal is helpful to keep the soil sweet. Powdered egg shells or old plaster will supply lime. They like the full sun and flower in early summer. Let them rest well in winter.

**HERTRICH'S COB CACTUS.** (Lobivia Hertrichiana). This flowers when quite small, the blossoms being as large as the plant and bright crimson in color! Very beautiful. Increases by division. Plants rarely exceed 2 inches across. 3/4"-1"-25c.

**LOBIVIA BINGHAMIANA.** A free growing species bearing large, brilliant scarlet blossoms. The plants reach 2" in diameter and produce many offsets to form a cluster. Grows at 10,000' elevation in Peru. Flowering size, 50c. Nice plants, 25c.

**Lobivia Pentlandii.** Bears rose-crimson blossoms. A small species with few spines. Flowering size, 50c. Nice plants, 30c.

**Lobivia corbula.** A rare solitary plant with short spines and crenate ribs. The pretty flowers are salmon red about an inch across with recurved petals. Found on the dry hills above Cuzco, Peru. 25c and 35c.

**Lobivia pygmaea.** Seldom more than one inch or so high but with carrot like roots larger than the plant! Handsome dark red blossoms. 20c.

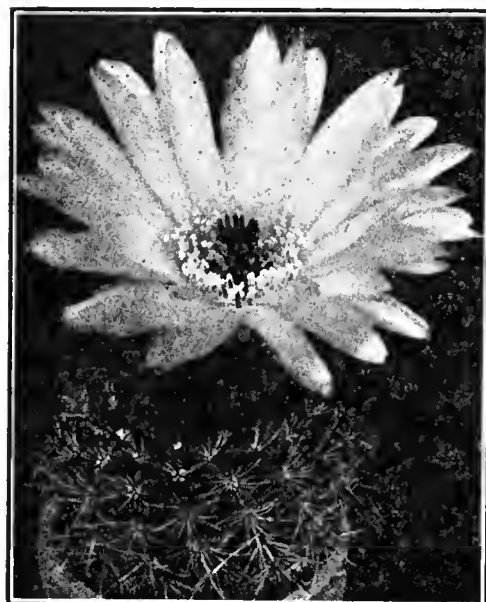
**LOBIVIA SPECIES.** A handsome and as yet unnamed species from Argentina. Described as one of the handsomest of all—a fine golden globe said to equal the Golden Barrel. 25c, 35c and 50c.

**Lobivia aurea.** See color plate page 18.

**Lobivia boliviensis.** A clustered species 35c and 50c.

**Lobivia chrysochete.** New species. 35c.

- Lobivia cinnabarina.** Handsome scarlet flower. From Bolivia. 35c.
- Lobivia cylindrica.** Similar to L. aurea. 50c.
- Lobivia famatimensis.** Handsome very large flowers ranging from copper to red. 35c-50c.
- Lobivia grandiflora.** 2". 35c.
- Lobivia Haagei.** 2 1/2" - 3". 75c.
- Lobivia haematantha.** 40c.
- Lobivia Higginsiana.** 35c.
- Lobivia jajoiana.** 40c.
- Lobivia lateritia.** Brick red flowers. 35c.
- Lobivia leucorrhodon.** 35c.
- Lobivia longispina.** 35c - 50c. \$1.
- Lobivia mistiensi.** 40c.
- Lobivia Nealeana.** 50c.



#### NOTOCACTUS APRICUS

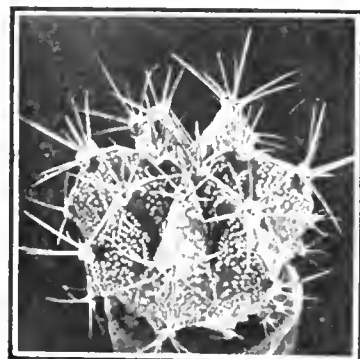
This choice plant bears flowers much larger than itself! It has long been a favorite with me growing as it does so freely and blooming so regularly in the spring. A native of Uruguay. The spines are reflexed, weak and flexible the ribs broad and low. The plant rarely exceeds 2" in diameter. 25c

- Lobivia neohaageana.** 35c.
- Lobivia nigra.** 75c.
- Lobivia pampana.** 35c.
- Lobivia pseudocachensis.** 35c.
- Lobivia saltensis.** 35c-50c.
- Lobivia Shreiteri.** 25c. Flowering plants 50c.
- Lobivia Schuldtii.** 50c.
- Lobivia Tegleriana.** 35c-50c.
- Lobivia varians.** 50c.
- Lobivia Weghiana.** 75c.

#### SACRED MUSHROOM

##### Lophophora Williamsii.

An interesting plant found in Texas and Mexico. They are 2"-3" in diameter, spineless, smooth, biscuit-shaped, blue in color with pink blossoms. The root is long and carrot-shaped. It is called Peyote by the Mexicans. The Indians of North America knew it and used it in their religious ceremonies. It contains a powerful alkaloid and the dried plants when chewed induce fanciful dreams of kaleidoscopic colors. Grows very easily in deep pots. Give it good drainage and a sandy soil. Mature, blooming plants. 2-2 1/2". 50c.



←at left

#### STAR CACTUS

##### Astrophytum ornatum

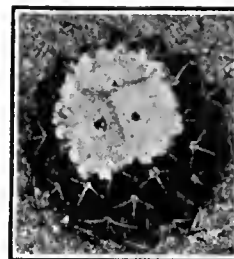
A colorful and popular plant of which I seldom have enough to fill all orders. Handsome yellow blossoms. 25c and 35c.

At right→

#### SACRED MUSHROOM

##### Lophophora Williamsii

A peculiar, spineless, blue colored cactus. Indians use the dried tops as a powerful narcotic. Mature plants 50c.



#### MALACOCARPUS PAUCIAREOLATUS

A rare species from Uruguay. The picture well shows its flowering habit. Plants grow to 5 inches in diameter. 20c.



#### DAM'S CHIN CACTUS

A free blooming species with hardly any spines. I have found it exceptionally easy to grow. Flowers when young. 35c and 20c.

## MALACOCARPUS

A small genus of rather flat-topped, acuticulate plants from Brazil, Argentine and Uruguay. Spines are few and the top of the plant is hidden by a felt of white-brown hair from which the pretty flat, almost tubeless flowers emerge. Of the easiest culture liking a sandy soil and a rest period in winter. Will do with a fair amount of water during the growing period.

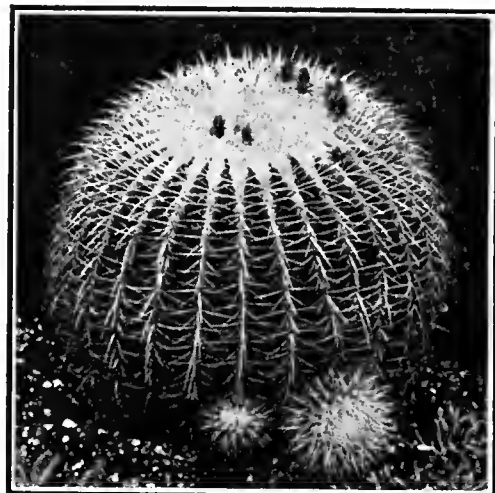
**MALACOCARPUS HENNISII.** A new species from Columbia. See page 9 for picture. 17c.

**MALACOCARPUS PAUCIAREOLATUS.** An old species recently rediscovered in Uruguay. See photo above. 20c.

**Malacocarpus tephraanthus.** A simple, globular, depressed plant up to 6" in diameter. Flowers yellow during summer. 2 1/2"-3" flowering plants. 75c.

#### MEDIOLOBIVIA AUREIFLORA LONGISETA.

A handsome orange-flowered plant producing slender, flexible, erect spines, a sort of half-way station between Lobivia and Rebutia. The blossoms are handsome, 1 1/2" diameter. The plant forms a cluster. 40c.



#### GOLDEN BARREL

##### Echinocactus Grusonii

In spectacular beauty it stands out in any collection as one of the most attractive specimens. A globe of purest yellow quite unlike any other. The older it grows the more beautiful it becomes. Reaches 18 inches or more in diameter! 18" plants \$50 ea.

Fine young specimens. 3"—\$1. 4"-5"—\$1.25.

Small plants. 25c each.

Nice plants showing character 50c



#### REBUTIA SENILIS

##### A Grafted Plant

These make interesting specimens and always attract attention. Grow rapidly into clusters. Small grafted plants. 40c.



#### REBUTIA OURURENSIS

Quite different is this crown cactus with its finger like stems. Pretty apricot-pink flowers. Small grafted plants. 40c.





#### GOLDEN BALL

*Notocactus Leninghausii*

This very striking species has soft, harmless, hairy bristles of a beautiful old gold color. It is one of the most admired plants I have here at the garden and one of the easiest to grow. A few perfect plants in various sizes, 1½", 50c. 2½", \$1.50, \$2.50. Attractive smaller specimens..... **27c**



#### 10 FLOWERING CACTI

All Flowering Size

Collection F9

These plants are all of good flowering size and will give a satisfactory account of themselves. They have been chosen to give you a wide variety both in blossoms and form and all are kinds that the less skilled window gardener can flower.

Tom Thumb, Pink Easter Lily, Red Orchid, Pin-cushion, Echinocereus Merkeri, Indian Head, Malococarpus Hennissii, Hybrid Easter Lily, Mammillaria rhodacantha, Xmas Cactus.

10 Flowering size specimens only **\$2.50**



#### A YOUTHFUL CACTUS FAN

Wilbur McVay of Madrid, Iowa, whose collection of Cacti is shown here is an enthusiastic collector. Our cactus fans range from 10 years old to 80 years young. These fascinating plants take but little care and bring the sunshine of lands beyond the seas to your fireside.

#### SAND CULTURE FOR CACTI

Collection F15

Sand Culture is the perfect way to grow Cacti and all house plants. All kinds thrive with it and no need to fear overwatering! A complete kit of 25 gallons mixed Plant-Chemicals, 150 Tablets Vitamin B1, with full, simple, specific instructions for Cacti. Postpaid, \$1.50.

#### A SPLENDID CACTUS DISPLAY

These fine specimens are part of the collection of Mr. Lester Davis, Lindsborg, Kans., who has loaned them for a window display in the local drugstore. You will note the fine condition of these house grown plants. You may also have as great success!

#### TURK'S CAP CACTUS

*Melocactus*

These odd plants bear a peculiar red cephalium perched on the top of the melon shaped plants like a plush fez! The flowers are produced in this cap. They are found principally in the Caribbean islands though occurring as far south and west as Peru. They were the first cacti brought to Europe perhaps by Columbus. The fez is produced only on mature plants. Like a warm moist climate.

**Turks Cap.** (*Melocactus intortus*). A cylindrical plant heavily armed and with a fine red fez. Small plants red with russet spine. 1", 25c.

**Melocactus Antonii.** 35c. **M. Broadwayi.** 35c. **M. Ernestii.** 25c. **M. melocactoides.** 35c. **M. Miquelii.** 35c. **M. Neryi.** 25c. **M. obtusipetalus.** 35c. **M. peruvianus.** 25c. **M. violaceus.** 25c.

#### NEOPORTERIA

This fine genus is found in Chile often on the cliffs over-hanging the seashore, some species becoming almost spineless with age while others develop masses of curling white spines. The flowers are most attractive pink, yellow or orange.

**Culture.** They come from a very dry region and should be carefully watered. Give them good drainage and a sandy soil. Flower freely in the spring and rest during winter.

**AN "OLD MAN" FROM CHILE.** (*Neoporteria senilis*.) One of the most striking grey haired cacti in cultivation. The plant is completely hidden by an interlacing mat of long, white or grey, coarse hair. They may be 3" in diameter and with age reach several inches in height. The flowers are particularly beautiful being of a rich vivid pink hue some 2" or more long lasting a couple of weeks and appearing for months!

I have only a very few plants grafted on heavy *Trichocereus Spachianus*. 2" grafted, \$2 each.



#### EASTER LILY CACTUS

*Echinopsis hybrida*

I have a few specimens of these handsome large flowered cacti that will produce abundant blossoms this year. Fine healthy plants 3"-3½" diameter my largest specimens that have bloomed at least 3 years \$1 each. Fine blooming specimens 2 -2½", 50c each. Nice young 1¼" plants..... **19c**

**Neoporteria napina.** A small spineless species with leathery body and fleshy roots. Large, pale, yellow-red flowers. 1¼", 40c.

**Neoporteria nigricans.** A few small plants only. 40c.

**Neoporteria Reichii.** A few grafted plants only. 75c.



#### AGAVE VICTORIA-REGINAE

This handsome Mexican Agave has long been noted for its great beauty and elegant habit. They grow very slowly and make fascinating specimens that increase in attractiveness through the years. My plants are 4 years old and just like the photograph! With age the plant forms a compact globe but seldom suckers. They are very easy to grow liking a good strong loam lightened with just a little sand. Keep them damp—not wet. Plants 3" to 4" diameter..... **75c**

#### BALL CACTI

*NOTOCACTUS*

Here is a group that I personally recommend to every one knowing they will please in every way. The flowers are all bright and cheerful opening widely in the sunshine and being most freely produced. Many of the prettiest cacti for the window garden are found in this genus. Their popularity is great among those who see them at my nurseries.

**Culture.** Very easily grown liking a rich though sandy soil and good drainage. Keep the soil barely damp even during the winter resting period.

**GOLDEN BALL.** see photo above.

**SILVER BALL.** See color plate, page 8.

**LEMON BALL.** See color plate, page 3.

**INDIAN HEAD.** See color plate, page 7.

**Notocactus apricus.** 25c.

**Notocactus concinnus.** 50c. Small. 20c.

**Notocactus floricomus.** 35c.

**Notocactus Graessneri.** A rare yellow-bristled species. Very pretty. 35c.

**Notocactus Grossei.** 50c.

**SCARLET BALL.** (*Notocactus Hasselbergii*.) A splendid white spined plant producing masses of small, vivid scarlet flowers during late winter and spring. A real treasure. 35c. A few grafted plants 75c to \$5.

**NOTOCACTUS MAMMULOSUS.** See page 9.

**Notocactus Mueller-Melchersii.** A handsome new species with big yellow flowers. 1", 35c.

**Notocactus Ottonis.** 22c.

**Notocactus Ottonis tenuispinus.** 50c.

**Notocactus Ottonis uruguayensis.** 50c.

**Notocactus pampeanus.** 50c.

**Notocactus Schumannianus.** 1", 35c. 1½", 50c.

**Notocactus tabularis.** 35c. Small, 20c.

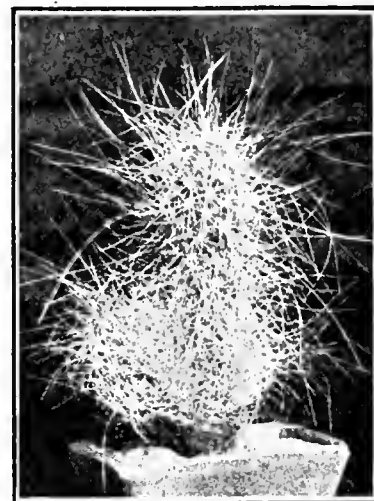
**Notocactus Velenovskii.** 35c.





## YOU WILL ENJOY CACTUS COLLECTING TOO

Mrs. Kenneth Gordon whom you see with her collection enjoys working with her cacti a great deal. If you have never had the fun of riding a hobby you are missing a real opportunity to meet new friends. Form a Club with the other Cactus Fans in your community!



### GRIZZLY BEAR

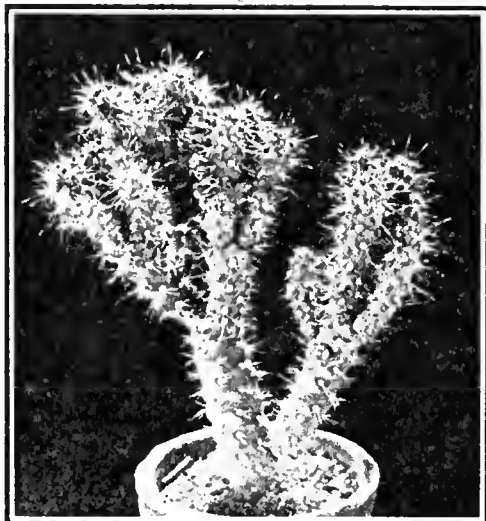
*Opuntia ursina*

This old favorite has long white hair and will be one of your favorite cacti growing best in pure sand wherein the roots luxuriate. It frequents the barren, waterless California deserts where it grows in communities scattered over the rockstrewn slopes, white patches like grazing sheep. Bears handsome crepe-like yellow or pink blossoms 3" across. Very rare it is found only in inaccessible places. 3"-5" plants. **22c**

## PARODIA

Amongst the most elegant and beautiful flowered cacti are these small treasures. They are native to South America principally Argentina and are found in the cooler, damper mountain regions. They are remarkably at home in our gardens and bloom freely. Give them a sandy porous soil and if you have it some leafmold. Keep fairly moist.

**TOM THUMB.** Turn to page 5 for color photo of this exquisite small cactus. One of our very prettiest plants. 25c and 35c.



### DWARF TREE OPUNTIA

*Opuntia villa*

This is just the plant you have wanted. Grows into a tiny well-branched tree with round trunk some 4" tall. It is one of the most popular kinds recently introduced for it is just the thing in miniature desert gardens. Large 4" well branched specimens 25c. Smaller branched plants. **18c**

**GOLDEN PARODIA.** (*Parodia chrysacanthion*.) Different from Tom Thumb this species has straight, yellow-gold spines and paler yellow flowers. Likes to rest during the middle of winter when the plants shrink considerably in size. A beautiful and dainty plant of the easiest culture. 25c and 35c.

**Parodia sanguiniflora.** One of the most striking flowering cacti yet introduced. Flowers are 1 1/2" in diameter the small 2" plant generally having several crowded together. They are of a brilliant flashing ruby red and last many days. I have only a few 3/4" plants to offer at 35c.



## MORE MAMILLARIAS

### A Complete List of Rare Pincushions

These are rare varieties, some offered for the first time. Everyone of them is of great interest to the fancier. Unless otherwise specified they are 1" to 1 1/2" in diameter and 3 years old.

*Mamillaria albicoma*, 35c. *M. angularis longiset* 3/4", 20c. *M. arida*, 30c. *M. aurhamata*, 50c. *M. Bachmannii*, 35c. *M. Baumii*, 35c. *M. Brauniana*, 35c. *M. calliantha*, 2", 40c. *M. candida*, 25c. *M. carnea*, 25c. *M. Celsiana potosina*, 30c. *M. centricirra*, 35c. *M. centricirra rosea*, 1/2", 20c. *M. chionocephala*, 25c. *M. collina*, 25c. *M. collina Purpusii*, 25c. *M. compressa longiset*, 2", 40c. *M. coronaria*, 25c. *M. crocidata*, 2", 35c. *M. dioica*, 25c. *M. dolichothele Galleotii*, 20c. *M. Edmundsiana*, 25c. *M. elegans potosina*, 25c. *M. fera-rubra*, 1/2", 25c. *M. Fischeri*, 2 1/2", 50c. *M. formosa*, 20c. *M. Fraileana*, 25c. *M. fuliginosa*, 1 1/2", 50c. *M. Gabbii*, 1 1/2", 40c. *M. Gaumeri*, 40c. *M. geminispina*, 25c. *M. gigantea*, 2", 30c. *M. Guelzowiana*, 50c. *M. gummitera*, 35c. *M. Haageana*, 20c. *M. Heesiana*, 25c. *M. hemisphaerica*, 25c. *M. hidalgensis*, 17. *M. Hoffmanniana*, 3", 60c. *M. Hookeri*, 20c. *M. Hutchinsoniana*, 35c. *M. Johnstonii*, 35c. *M. Karwinski*, 30c. *M. Klasingiana*, 25c. 1 1/2", 35c. *M. Kunthii*, 2", 40c. *M. leona*, 25c. *M. macrantha*, 25c. *M. magnimamma*, 25c. *M. Mainae*, 40c. *M. Martinezii*, 30c. *M. meicantha*, 30c. *M. melanocentra*, 25c. *M. Mendeliana*, 25c. *M. microcarpa*, 25c. *M. microhelix*, 35c. *M. Moelleriana*, 35c. *M. muliceps*, 15c. *M. multiformis*, 25c. *M. Mundtii*, 25c. *M. mutabilis*, 20c. 1 1/2", 30c. *M. Neumanniana*, 2 1/2", 50c. *M. occidentalis*, 25c. *M. perbella*, 25c. *M. phymatothele*, 3", 50c. *M. polyedra*, 20c. *M. Pringlei*, 50c. 2 1/2", \$1. *M. pseudo-fuscata*, 25c. *M. pseudoperbella*, 2" 35c. *M. quircobensis*, 25c. *M. rhodantha rubra*, 25c. 3", 50c. *M. sanguinea*, 2 1/2", 40c. *M. Schiediana*, 25c. *M. Schmollii*, 20c. *M. setigera*, 25c. *M. simplex*, 50c. *M. sinistramata*, 40c. *M. sphacelata*, 2", 35c. *M. spinosissima sanguinea*, 35c. *M. surculosa*, 35c. *M. Standleyi*, 25c. *M. Swinglei*, 35c. *M. trichacantha*, 35c. *M. uninata*, 25c. *M. Viereckii brunispina*, 20c. *M. Waltheri*, 20c. *M. Winteriana*, 2", 30c. *M. woburnensis*, 20c. *M. yaquiensis*, 50c. *M. Zahniana*, 1 1/2", 50c. *M. Zeyeriana*, 25c. *M. Zuccariniana*, 2", 30c.

### At Right

### WHEN THE SLEET IS BLOWING →

The picture of charming Mrs. Harry Lewis of Seattle, Wash., and her splendid cactus garden well shows what fascinating and characterful effects may be had in any apartment window.

Cacti with their odd, geometrical shapes lend themselves perfectly to the decorative arts and are in perfect keeping with the furniture of any room. Planted in gaily colored glazed bowls or pots they will give an expressive and dominant color note.

They are not mussy plants for they require only an occasional watering and do not shed leaves. You may safely leave them to themselves during trips or vacations.

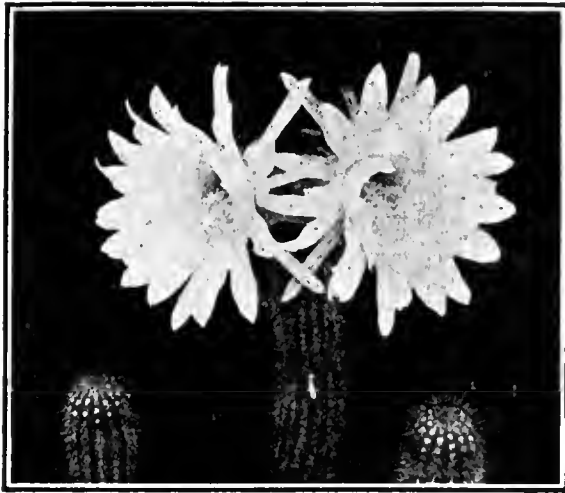
Over 25,000 of our friends have found them a fascinating hobby one that young or old, in good health or ill may enjoy in the dull days of winter when the snow and sleet are blowing in the streets!

### BRING THE OUTDOORS INDOORS

Wouldn't you enjoy such an interesting window garden as Mr. A. Nordstrom of Worcester, Mass., has created? Note the shelves are suspended by atraps from the upper window sash.







#### WHITE TORCH CACTUS Trichocereus Spachianus

Each snowy blossom is 6" across and what a sight their sparkling fresh beauty is in the morning sunlight! The easiest growing cactus quickly forming fine specimens the plants bright green with brown spines. Give it a rich soil and plenty of water. 8"-10" seedlings, 40c. Heavy 12" cuttings, \$1.18", \$1.50. Large specimen clumps, \$3.50 and \$5 F.O.B. Ilynes. 17c Thrifty young plants.

#### PHOTOGRAPHS

Everyone is interested in pictures of the collections of fellow fanciers. If you have good ones of your own send them in. Clear Kodak snapshots are fine but stay 6-10 feet away from your subject when taking them. We want you in the picture too for we are all interested in knowing our cactus friends more intimately! With your photo write us the interesting facts about your collection such as when they flowered and your methods of growing, watering, etc.

I cannot guarantee to return photos unless stamps are sent but for all those I use I will send 10 fine cacti prepaid.



#### QUESTIONS?

Somewhere in this catalog you will find the answers in detail to practically all of your questions on culture—watering, care, resting, etc. Read it over carefully before writing. There is little more that I can add. For those who are further interested I would suggest the two books, "Cacti for the Amateur" at \$1.10 and "Succulents for the Amateur" at \$1.60 postpaid. They are splendid, informative books that every fancier should have!

Feel free to ask me any questions not clear to you and I will do my best to answer them. Please enclose self-addressed, stamped envelope for replies.

#### 5 OLD MEN CACTI

White Haired Species  
Collection F10

Old Man Cactus, Peruvian Old Man, Old Man of Mountain, Grizzly Bear, Old Lady Cactus.  
A Bargain Price.....\$1.25



#### IN OUR CACTUS HOUSES

I wish that you might visit our greenhouses and growing grounds to see for yourself the hundreds of thousands of healthy cacti. Practically all of our plants are raised from seed which is the slow, hard way but this is the only way to assure you of plants free from disease and with vigorous healthy root systems.

#### FOR HARDY CACTUS!

See back of order blank

#### CHILENIA

The Chilenias are beautifully flowered Barrel Cacti from the very hot, dry deserts of coastal Chile. With us they have flowered when still small, large plants bearing dozens of their brilliant cerise-pink blossoms. They are very spiny, globular plants and like a sandy soil and care in watering.

Chilenia chilensis. 35c. 2", 60c.

Chilenia heteracantha. Flowering size, 1 1/4", 40c.

Chilenia subgibbosa. 1 1/2", 35c. 2 1/2"-3", 75c. 5", \$1.25.

Pyrrhocactus horridus. A rare species. 1", 35c.

Pyrrhocactus mammillariodes (centeterius). 1 1/4", 35c. 1 1/2"-2", 50c.

#### 10 DESERT BEAUTIES

Beautifully colored and handsomely spined Cacti. A choice selection for a colorful 7" pottery bowl.

1. Tom Thumb.

2. Bishop Cap.

3. Silver Ball.

4. Golden Stars.

5. Thornless Tree Opuntia.

6. Old Man.

7. Golden Parodia.

8. Silver Dumping.

9. Silver Torch.

10. Grizzly Bear.

Collection F11A

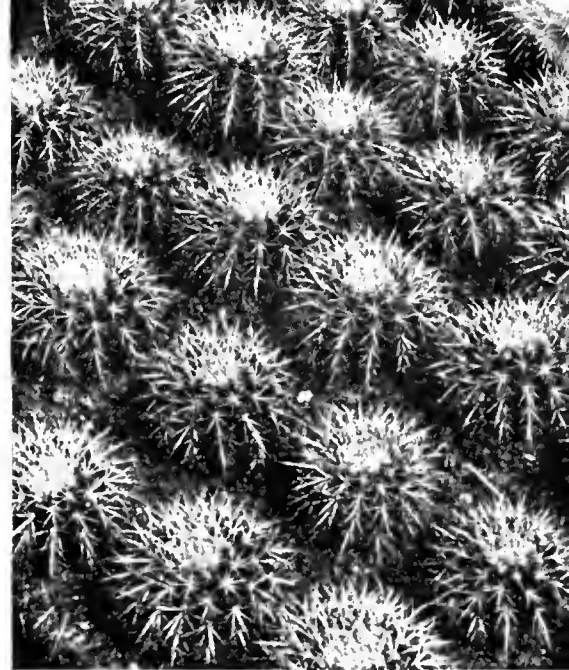
In our regular size plants, \$1.60.

Collection F11B

In our specimen 35c sizes.....\$2.75

#### CACTI IN THE MORNING SUNLIGHT

This interesting picture of the Rabbit Ear Cactus was taken by Mrs. W. B. Hughes of Little Rock, Arkansas, in her garden. Mrs. Hughes and her friends are enthusiastic cactus fans and get a great deal of pleasure from meeting and discussing their hobby.



#### GOLDEN BARRELS

One of the most treasured plants in our gardens is the Golden Barrel. As the plants grow in size they become a bright golden yellow from their hornlike spines. They are native to the upland mesas of Mexico where they grow on the ridges and barranca walls. The plants above are \$1.25 each. Small plants, 25c. Vigorous plants showing character.....50c

#### QUEENS OF THE NIGHT

Collection F12

Magnificent Night Flowering Cacti  
Queen of the Night, Princess of the Night, Honolulu Queen, Snake Cactus, Queen Cactus, F12A. Regular sizes.....\$1.25  
Large \$1 flowering sizes.....\$3.50

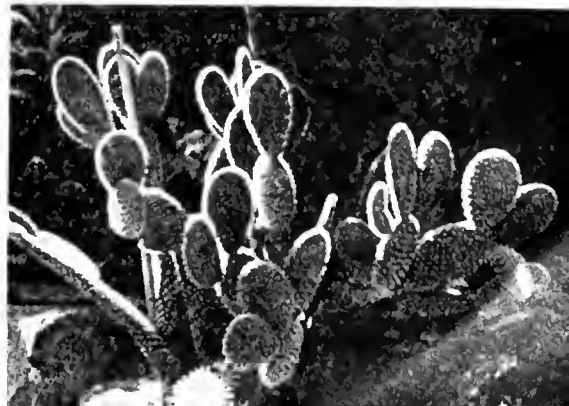


Once again we greet our friends and extend an invitation to visit our nurseries when in California. It is always a pleasure to talk gardens and to show you some of our particular treasures. Perhaps we can help you to find some of the interesting garden sights about Los Angeles. A map is appended to page 24.

Sincerely yours,

*Harry Johnson*

RABBIT EARS (Opuntia microdasys)  
A beautiful quick growing favorite with golden glochids.....19c





**COCKSCOMB**  
*Pachyveria clavifolia cristata*

This curious and pretty Echeveria grows well under almost any conditions. The stems become very much crested and waved bearing on their crests blue-white leaves. Will reach 6" in diameter. 2" specimens, 25c. Nice crested small plants. **17c**

## BROMELIACEAE

**HEART OF FIRE.** (*Aechmea Veitchii*.) A vase-like plant with long, curved, hooked-spined leaves the whole plant becoming an intense scarlet-red when flowering! Gorgeous. 25c.

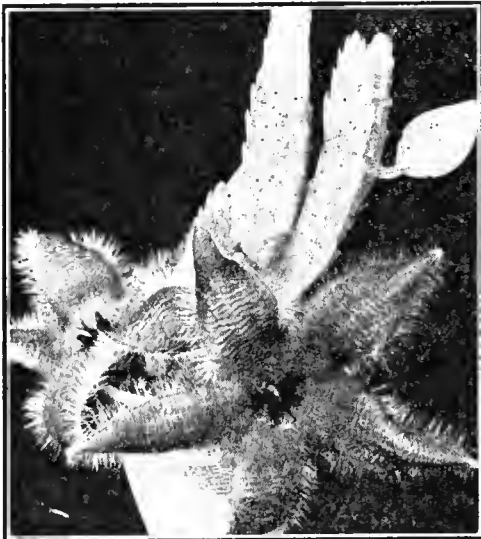
**BILLBERGIA NUTANS.** The leaves are arranged around a hollow center and hold water! Beautiful spikes of nodding pink and purple blossoms. Beautiful. 25c.

*Dyckia sulphurea*. Page 21 for photo.

*Dyckia rariflora*. Pretty, deep green, prickly-margined rosettes and bright orange flower spikes a foot tall. 20c.

*Hechtia viride-rubra*. 25c.

*Puya alpestris*. 40c. *P. coarctata*. 35c.



**HAIRY STARFISH FLOWER**  
*Stapella hirsuta*. 2/3 Nat. Size.

This is a very free-flowering stapella bearing handsome red 5-pointed stars some 3" in diameter. The blossoms are fringed with violet vibratile hairs and are quite fleshy in character. Blossoms when small. Fine blooming size, 35c. **28c**

## ECHEVERIA GILVA

A distinctive Echeveria whose pale green leaves turn red in the autumn sun. Forms nice single specimens or graceful clumps. Grows in sun or shade, wet or dry. **25c**



# Interesting SUCCULENTS

A few more genera of these interesting plants. Don't fail to have representatives of these curious plants in your collection. Among them are some of the oddest plants in nature!

## EUPHORBIA

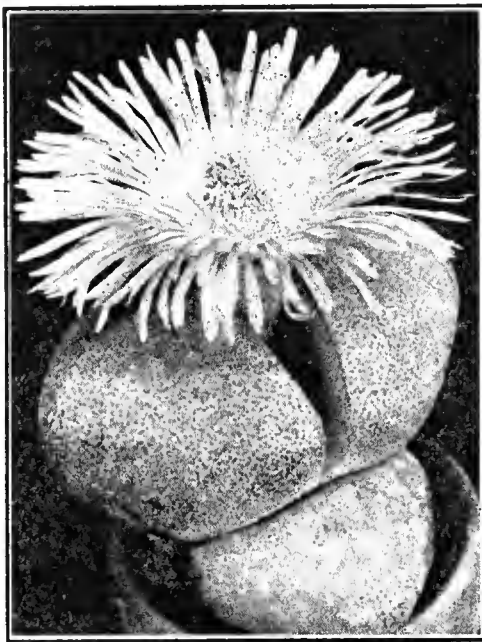
A huge and extremely interesting genus of Succulents principally native to Africa where they take the place of Cacti. Like Cacti they vary from small globular species to great, umbrageous trees. They are readily distinguished by their acrid, milky latex.

**HERCULES CLUB.** (*Euphorbia canariensis*). Handsome 4-sided stems spine margined and of a rich coppery shade! Fine. 7"-8", 30c.

**Snake Head.** (*Euphorbia Bergeri*). A globular species with long snake-like arms! Mignonette scented. Very fine heads. 50c. Specimens \$2.50.

**EUPHORBIA CAPUT-MEDUSAE.** A handsome species with showy white "flowers". Easy to grow. 25c and 35c.

*Euphorbia bupleurifolia*. A splendid, rare, globular species. 35c.



**PLEIOSPILOS NELII**  
A Fine Living Rock

This distinctive mimicry plant is one of the finest introductions from Africa. Its fat, granite-grey leaves nestle on the rock-strewn veld visible only when crowned by their pretty amber-red blossoms. It grows very easily in the window garden often flowering the first summer. As a curiosity for your friends place the plant among similar rounded stones. I have a few large 3 year old 3" specimens at 75c. **17c**

*Euphorbia abyssinica*. \$2.  
*Euphorbia alcornae*. 7" 75c.  
*Euphorbia ammack*. 2 ft. \$3.  
*Euphorbia antiquorum*. 8" 35c. 12" 50c.  
*Euphorbia Bojeri*. Scarlet flowers in winter. 35c.

*Euphorbia bubalina*. 6" 35c.  
*Euphorbia cereiformis*. 35c.  
*Euphorbia echinus*. 3" 35c.  
*Euphorbia enopla*. Clusters 40c.  
*Euphorbia Frankiana*. 10" 35c.  
*Euphorbia globosa*. Clusters 25c.  
*Euphorbia grandicornis*. 40c to \$1.50.  
*Euphorbia heptagona*. 8" 35c.  
*Euphorbia Hermentiana*. 35c-50c.  
*Euphorbia hystrix*. 6" 30c.  
*Euphorbia ingens*. A splendid tree. 12" 75c.  
*Euphorbia lactea*. Tree. 8" 35c.  
*Euphorbia Ledenii*. 35c.  
*Euphorbia mogador*. 75c.  
*Euphorbia nerifolia*. 50c.  
*Euphorbia nyikae*. 12" \$1.00.  
*Euphorbia officinarum*. 75c.  
*Euphorbia Piersdorffii*. 25c.  
*Euphorbia pseudocactus*. 4"-5" 35c.  
*Euphorbia Rheinhardtii*. 18" \$1.00.  
*Euphorbia squarrosa*. 3" 35c.  
*Euphorbia stellaespina*. 75c.  
*Euphorbia tenuiramia*. 50c.  
*Euphorbia tetragona*. 35c.  
*Euphorbia Tirucalli*. 12" branched. 50c.  
*Euphorbia validus*. 1" 75c. Large 3" mature specimens \$2.50.

*Monadenium Lugardae*. \$1.00.  
*Pedilanthus tithymaloides variegata*. 35c.



## AN EXTENSIVE COLLECTION

August 27th, 1939.  
"I am enclosing a snapshot of only a small part of my collection of Cacti. The *Euphorbia grandicornis* (Cow Horn) has grown 7" since I received it from you the 1st of May while the Grafted Peanut received at the same time has more than 30 growths! I am well pleased with all my purchases from you. I am interested in the *Euphorbias* and want to purchase some more. I now have 125 varieties of Cacti." **MRS. G. I. McELROY,**  
Clay Center, Kansas.

## ECHINOCEREUS

### Hedge Hog Cereus

In the springtime our western deserts are bright with the richly colored blossoms of the Hedge Hog Cereus. At this time their short, cob-shaped branches burst forth with the most exquisite blossoms—pink, scarlet, sometimes purple, crimson or yellow often as big as the plants. They vary greatly in their habit of growth though all are small seldom exceeding a few inches in height.

**Rainbow Cactus.** See page 3.

**Echinocereus Blankii.** See page 7.

**ECHINOCEREUS FITCHII.** Handsome solitary plants with gorgeous pink blossoms. Blooms very freely and easily. Flowering 2" plants 35c. Smaller 25c.

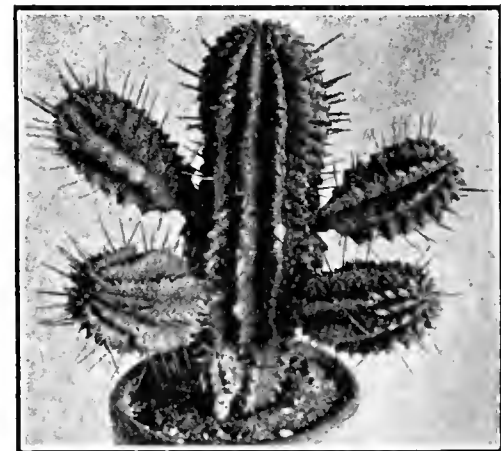
**ECHINOCEREUS MERKERI.** Handsome purple blossoms. Makes splendid clusters. 4"-5" 35c. 2"-2 1/2" 19c.

**Yellow Hedge Hog Cereus.** Handsome 4" yellow blossoms! 20c.

**ECHINOCEREUS PENTALOPHUS.** 3" brilliant pink blossoms. One of the prettiest of cacti. Nice plants beginning to branch. 20c.

**ECHINOCEREUS STRAMINEUS.** Long white spines and gorgeous purple flowers. Forms large mounds with scores of heads. Clusters, 40c. 2-2 1/4-inch, 25c.

*Echinocereus acifer*. Small, 50c. *E. Berlandieri*. 20c. *E. cinerascens*. 25c. *E. coccineus*. 35c. *E. conglomeratus*. 25c. *E. Delaetii*. 1-inch, 35c. *E. dubius*. 25c. *E. enneacanthus*. 25c. *E. Engelmannii*. 4-5-inch, 25c. *E. Fendleri*. 25c. *E. glycimorphus*. 25c; 5-inch, 35c. *E. Knippelianus*. Grafts, 1 1/4-2-inch, 50c; 6-inch with heads, \$2.50. *E. leonensis*. 25c. *E. maritimus*. 25c. *E. mojaviensis*. 20c. *E. octacanthus*. Clusters, 40c. *E. Palmeri*. 25c. *E. paucispinus*. 35c. *E. perbella*. 35c. *E. Poselgerianus*. 20c. *E. Roetteri*. 40c. *E. Salzmanus*. 25c. *E. sarrisorphus*. Clusters, 40c. *E. Scheerii*. 35c. *E. sciurus*. 25c. *E. subinermis*. Small, 20c. *E. Thompsonii*. 25c.



### CORN COB

#### *Euphorbia mammillaris*

This queer *Euphorbia* is oddly marked off into kernel-like divisions. It shortly becomes much branched and may eventually form large clusters. Like all these African *Euphorbias* the stem when pierced exudes a milky-white latex. Likes liberal culture and grows easily. **20c**



# The CEREI

## A MAGNIFICENT FAMILY

The largest and most varied group of Cacti to which belong the huge moonflowered Queen of the Night and the fragrant Snake Cactus familiar to all.

The giant Tree Cacti reach a height of 60' and, in contrast, the tiny Peanut Cactus is no larger than your thumb. Some are native to dry, heat tortured deserts others stand high above the chaparral of brush covered mountain slopes. Still others seek the heat and moisture of dripping tropical jungles where they clamber luxuriantly in the tree tops their great silvery blossoms opening in the dusk vying in splendor with their companions the orchids. Since many of them grow tall or are clustered they make beautiful specimens for pots or when planted out in warm regions their stately columns are majestic in their simplicity.

**Culture.** Most of the larger growing Cerei are vigorous rooting plants and quite generally are native to the moister slopes of semi-desert regions which have at least one rainy season yearly. Thus they like a richer but well drained soil and when well established our Cactus Food may be used with great benefit. To this group belong Piptanthocereus, Cephalocereus, Lemnecocereus, Espostoa, Trichocereus, Cleistocactus, Cereus, Monvillea, etc.

Most of the Haageocereii, Browningia, Borzicactus and Facheiroa should not be overwatered for they come from dry mountain regions.

In contrast to these are the tropical epiphytic species to which the Queen of the Night belongs. They need plenty of moisture and a rich but sandy soil and should be shielded from the hottest sun. If they can be put out under the partial shade of a tree during the summer they are very happy. They will appreciate regular monthly feedings of our Cactus Food.



**GRAFTED PEANUT CACTUS**

These form very interesting specimens, being grafted on 6" Snake Cactus stems. They rapidly form valuable clusters and in the spring bear their bright red blossoms. **50c**  
Single stem grafts.....

## RATTAIL CACTUS APOROCACTUS

A splendid genus with attractive Fuchsia-like pink flowers in various hues. The plants are all pendant with harmless bristles instead of spines. They are natives of Mexico and presumably epiphytic. Give them a light loam with sand and leafmold for they like a very porous soil and plenty of water when grown on their own roots. This year I am offering only grafted plants for they are much more satisfactory.

**RATTAIL CACTUS.** (Aporocactus flagelliformis.) This is the popular species so well known to window gardeners. Brilliant cerise-pink blossoms in spring. **Nice grafts, 6-7-inch, single stemmed, ready to branch, 50c.**

**Aporocactus flagelliformis cristatus.** This handsome crest is one of the prettiest and most sought after of all. A few grafted plants only after September 1st, **\$1.**

**A. Conzattii.** A handsome species with orange-pink blossoms. Grafts ready September 1st, **\$1.**

**A. leptophis.** Slimmer species. Flowers red. After September 1st, **\$1.**

**MONKEY TAIL.** (Aporocactus Mallisonii.) Handsome large red blossoms. Nice grafts, **50c.**

## ACANTHOCEREUS

**Acanthocereus horridus.** A heavily spined tropical cactus with night flowering white blossoms and scarlet "apples", **25c.**

**Acanthocereus pentagonus.** Quick growing species from Texas with triangular stems. **25c.**



**PERUVIAN APPLE CACTUS**  
*Piptanthocereus hybridus*

Forms a large branched specimen more quickly than any other cactus! Handsome 6" white blossoms and delicious, big, red apple-like fruits. Best you have ever tasted. Grows anywhere. Likes rich soil. 10"-12" seedlings **50c.** Heavy, flowering mature 12"-14" cuttings—**\$1.** Vigorous young 2"-4" plants..... **17c**

**Armatocereus laetus.** A tall, tree-like species from Catamayo, Peru. 7-8 in., **75c.**

**Bergerocactus Emoryi.** Has handsome golden yellow spines. 2-inch, **35c.**

**Binghamia melanostele.** Cluster forming species, growing to 3 feet. **35c.**

**Browningia candelaris.** Forms an odd and grotesquely armed plant growing to 9,000 feet in the Peruvian Andes. 1-1 1/4-inch, **35c.**

**CARNEGIEA GIGANTEA.** Arizona Giant Cactus. The characteristic giant cactus of Arizona. Grows to 40 ft. **25c.**

**PEANUT CACTUS**  
**Chamaecereus Sylvestrii**  
A charming small cereus from Argentina with bright red flowers. Grows very rapidly and in a single season may fill a pan. **19c**  
each: Clusters **35c.**

**C. Sylvestrii var. Johnsonii.** A very pretty hybrid with heavier stems and orange yellow flowers. **35c.**



**HONOLULU QUEEN CACTUS**

*Hylocereus undatus*

A splendid Night Blooming Cereus with huge 14" snowy blossoms within a circle of golden sepals! It is one of the most spectacular sights in Honolulu. Triangular stems..... **35c**

## OLD MEN CACTI

*Cephalocereus*

These humanly interesting tree cerei are found all the way from Florida to Brazil. They vary greatly in habit, some being only a yard high, others reaching skyward 50 feet! Some are single columns (C. senilis), while others are much branched. All of them are characterized by having more or less developed pseudoccephaliums or "heads" of silky white hair from which the blossoms emerge. This hairy head may be very pronounced with long fine tresses in thick, spectacular mats. They are generally considered amongst the most fascinating plants of the cactus world.

**Culture.** They grow readily with quite ordinary care, preferring a sunny position in the window and a light soil. For the expert who wants to give more meticulous care I offer the following suggestions. They enjoy a soil of 1 part sandy loam, 1/2 part leafmold, 1 part sand, and a sprinkling of crushed brick or charcoal to keep it "sweet." Since they are often found on limestone formations I have found old lime mortar or plaster helpful in 1/3 part.

**OLD MAN CACTUS.** (Cephalocereus senilis.) Turn to pages 18 and 25 for pictures. **25c.**

**WOOLLY TORCH CACTUS.** (Cephalocereus Palmeri.) This handsome species is one of the best and most easily grown. It begins to get plenty of snowy, wispy hair in the areoles when less than 6 inches high, the plant body becoming a beautiful powdery blue.

Blooming plants bear snowy masses of kapok-like glossy hair! **Small, 25c.**

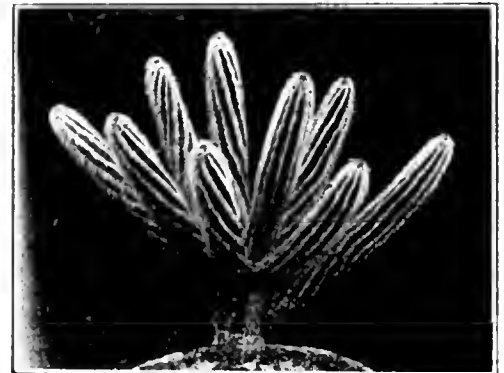
**Cephalocereus alensis.** 2 1/2-inch, **30c.**



**PERUVIAN OLD MAN**

*Esposoa lanata*

This handsome species is offered for the first time! It is a quick growing, beautifully silky, white haired Old Man from Peru, quite distinct from Esposoa Dautwizii, the Snow Ball. One of my best introductions in recent years and we take great pride in offering it to our customers. I have found it an easily grown, healthy cactus and now have a very promising lot of them. These will be the only ones offered for sale for the only known seed supply is now beyond reach..... **23c**



**LAMB'S TAIL**

*Wilcoxia senilis*

This beautiful 6-inch cereus bears quantities of big, star-shaped pink blossoms in early summer. The one illustrated bore 35 lasting for some weeks. Grafted on Princess of the Night, on which they grow freely, making fine, long-lived specimens. Bear no spines, only wool. Sandy soil, plenty of water. Single stem grafts, ready to branch..... **50c**

## SNAKE CACTUS

*Nyctocereus serpentinus*

This old favorite is one of the first cacti I grew when a boy. It is an inch in diameter and may grow to several feet tall but flowers well when much smaller. One of the prettiest with fluted stems bearing red spines at the tip the ribs well clothed. It flowers up and down the stem during the warmer weather of summer the flowers being creamy white and deliciously fragrant, scenting the whole garden. They open in the early evening, not closing until next day at noon.

Easily grown anywhere and long the pride of window gardeners. It comes from Mexico but strangely has never been found growing in the wild state! Give it a good loam soil with some sand and when the pot is full of roots give it our Cactus Food.

10"-12"—**50c.** 14"-15"—**75c.**

3" Plants..... **22c**





### A SPECIMEN QUEEN CACTUS

An old time favorite house plant whose beautiful flowers may be counted on every year. This one was grown by Mrs. A. W. Richards of Elwood, Pa., and has long been in her family. I have some fine plants to offer this year. Specimens \$1.50-\$2.50. Fine plants 50c.... **35c**

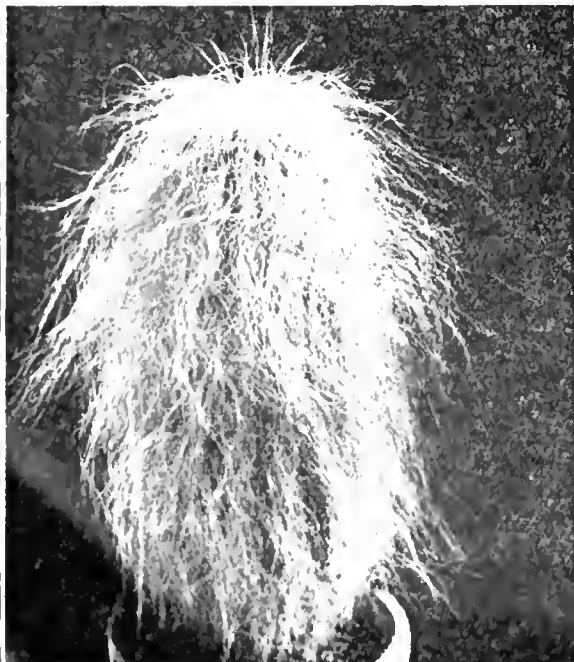
### Cephalocereus (continued)

*Cephalocereus Brooksianus*. From Cuba. 25c.  
*Cephalocereus catlingicola*. 35c.  
*Cephalocereus chrysacanthus*. A handsome yellow spined variety with matted white hair. 6" 50c.  
*Cephalocereus chrysostele*. "Golden Club." A splendid columnar type with rich golden yellow spines even when tiny. Very rare. 4"-6" 40c.  
*Cephalocereus Cortesii*. Very rare. 50c.  
*Cephalocereus collina*. Rare. 6"-8" 50c.  
*Cephalocereus Deeringii*. 1" 25c.  
*Cephalocereus Dybowskii*. Brazilian Old Man. This rarest of Old Men comes from Brazil where it forms dense thickets on the dry hills in Bahia. Thickly covered with matted white silky hair it is one of the most striking of all. 6" specimens \$1.

### OLD MAN CACTUS

*Cephalocereus senilis*.

Popular and easily grown this handsome Old Man grows in vast forests on the dry hillsides of Mexico where it is called "Cabeza de Viejito" or Old Man's Head. It is the pride of every fanciers collection because of its snowy white hair. Grows slowly but may reach 20 ft. in 100 years. Needs an open porous soil with powdered eggshells and care in watering. 2" 35c. 6"-7" Show specimens \$2.50. 10" \$5.00.  
 Handsome small 1" plants..... **25c**



### BRAZILIAN ROCK CACTUS

*Monvillea Cavendishii*. ¼ Nat. size.

Bears countless 4" flowers throughout the warm months. Grows on rocky, brush covered but well watered plains in Brazil and is perfectly at home in the window garden. Its slim clustered stems are much prized in collections. Much recommended for flowers..... **25c**

**CEPHALOCEREUS EUPHORBIOIDES**. This attractive species is a good lusty grower. Columnar to 15 ft. tall. Nice plants 2" 19c. 4" 30c.

*Cephalocereus fluminensis*. 2"-3" 40c.  
*Cephalocereus glaucescens*. 35c.

**CEPHALOCEREUS GOUNELLII**. A fine Brazilian plant with graceful curving stems. White hair in the areoles. 2" 35c.

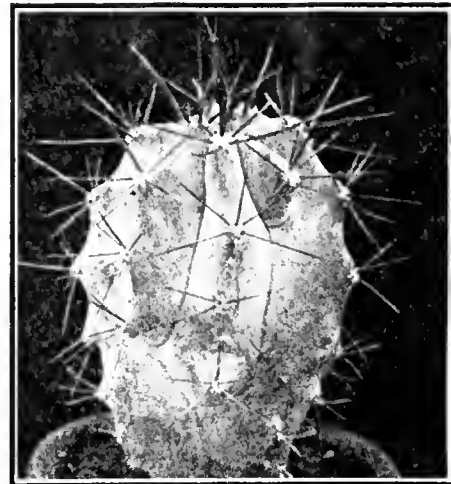
*Cephalocereus hapalacanthus*. 5"-7" 35c.  
*Cephalocereus macrocephalus*. 12"-13" 40c.  
*Cephalocereus nobilis*. 25c.  
*Cephalocereus pernambucensis*. 3"-4" 35c.  
*Cephalocereus phaseoanthus*. 4"-6" 35c.  
*Cephalocereus plauhyensis*. 35c.

*Cephalocereus polylophus*. A majestic species sometimes a foot in diameter and towering upward as a tall column. Beautiful pale green with brown bristly spines. 12" **HEAVY SPECIMENS \$1.25**. Small 35c.

*Cephalocereus Robinii*. 2" 25c.  
*Cephalocereus Russelianus*. 3" 50c.  
*Cephalocereus Sartorianus*. 3"-4" 25c.

### CEREUS

*Cereus andalgalensis*. 50c.  
*Cereus azureus*. 35c.  
*Cereus coerulescens*. 40c.  
*Cereus coerulescens melanotrichus*. 35c.  
*Cereus Lauterbachii*. 35c.  
*Cereus maculatus*. 40c.



### POWDER BLUE CEREUS

*Lemaireocereus pruinosus*

The new growth of this charming cereus is bright glaucous blue with black spines. A very pretty plant when young, a majestic specimen with age. The fruits are delicious. 1 to 2 inches..... **18c**

### CLEISTOCACTUS

A handsome genus with many of our prettiest flowering and attractively spined species found among them. Their general habit of growth is well shown in the illustration of Silver Torch, page 21. They like quite a little moisture and a well drained, sandy soil.

**SILVER TORCH**. See page 21.

**SCARLET BUGLER**. (*Cleistocactus Baumannii*.) Brilliant red flowers characterize this charming jewel-like species. See color plate, page 21. I have a few plants, every one of which has bloomed. Nice 8-inch plants, 35c. 12-inch specimens, 50c. Seedlings, 3-inch, 18c.

*Cleistocactus anguineus*. 40c.

*C. areolatus*. A tall handsome species to 8 feet. 25c.

*C. Baumannii aureispinus*. 25c.

*C. Baumannii colubrinus*. 75c.

*C. Grossei*. 4-inch, 50c.

*C. Herzogianus*. 5-inch, 35c.

*C. jajoianus*. 4-inch, 50c.

*C. Morawetzianus*. 6-inch, 40c.

*C. smaragdiflorus*. 35c.

*C. tuziensis*. 4-inch, 75c.

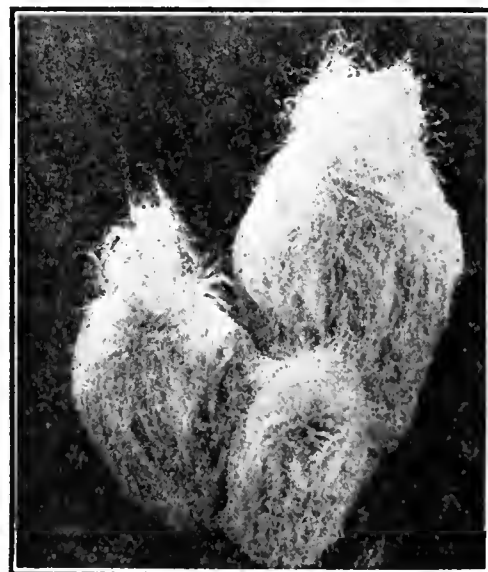
*Coryocactus brachypetalus*. 10-inch, 75c.

*Deamia testudo*. 50c.

*Dendrocereus nudiflorus*. A handsome plant from Cuba where it forms tall branching trees quite different from any other cactus. 4-inch, 25c.

*Eulychnia spinibarbis*. 6-inch, 35c.

*Eulychnia iquiquensis*. 1-inch, 50c.

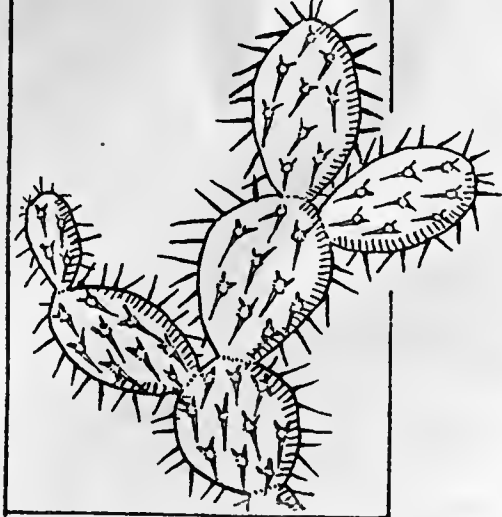


### SNOW BALL CACTUS

*Espositoa Dautwitzii*

Completely covered with snowy, cottony hair this plant is really much handsomer than the illustration shows. It grows high up in the Peruvian Andes where it gets a fair amount of rain and cold. A very scarce plant but quite easy to grow..... **35c**





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# Johnson Cactus Gardens

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QUANTITY

PLANTS AND SUPPLIES WANTED—ORDER COLLECTIONS BY NUMBER

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PLEASE NOTE! Owing to Shipping Costs We  
Cannot Ship Orders Less Than \$1 Unless 15c  
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TURN OVER PAGE FOR ADDITIONAL SPACE



## MOON CACTI

### ERIOCEREUS

A genus of stout stemmed cacti that flower well in pots or where planted out become climbers. Some of the freest bloomers are among them. Give plenty of water in summer and a rich soil for best results.

**ERIOCEREUS BONPLANDII.** A beautiful species bearing its 8" snowy blossoms in profusion all summer long. 20c.

**ERIOCEREUS JUSBERTII.** A summer flowering species bearing astounding quantities of snowy blossoms. 10". 75c. Small, 25c.

**Eriocereus adscendens.** 25c. **E. Guelichii.** 25c. **E. Martini.** 20c. **E. Regelii** 6". 30c. **E. tephraanthus.** 20c. **E. tortuosus** 10", 75c. sm., 25c.

**FACHEIROA PUBLIFLORA.** 4". 40c.

**ERDISIA MASIERA.** An interesting plant with red flowers from the high rocky valleys of the Andes. 35c. **E. maxima** 35c. **E. squarrosa.** 40c.

## HARRISIA

Very free blooming, upright, slender stemmed cacti from Florida and the Caribbean.

**Harrisia Brookii.** 6". 35c.

**Harrisia eriophora.** Free bloomer. 15c.

**Harrisia gracilis.** Fine. 15c.

**Harrisia Simpsonii.** 25c.



### TREE CACTUS

**Piptanthocereus gonianthus**

Wonderfully free flowered. Blossoms white with outer pink sepals. 18" to 24". \$1.50 each.

30" to 36" cuttings, \$2.50 each. F. O. B. Hynes. Nice seedlings. **20c**



### SCARLET BUGLER

**Cleistocactus Baumannii**

Blooms almost all the year around producing scores of scarlet red flowers which last for days. The picture falls far short of the exquisite brightness of the blossoms.

8" LARGE BLOOMING. 40c.

12" LARGE BLOOMING. 60c.

3" ..... **18c**

## HAAGEOCEREUS

### FOX TAIL CACTI

A handsome genus from the high mountains of Peru where they often form thickets on the steep, rocky mountainsides. The plants are golden or rufous from the dense, bristly spine clusters. Well grown plants are amongst the prettiest specimens to be found. They want but little water.

**Haageocereus acranthus.** 25c. 6" specimens, 40c.

**Haageocereus chosicensis.** Beautiful rufous spines. One of the best. 8"-10". \$1.75. 1". 25c.

**HAAGEOCEREUS PACALAENSIS.** Rich old gold spines thickly clothing the plant. 3". 25c.

**Haageocereus australis.** 2". 35c. **H. humifusus** 2". 35c. **H. Jaredensis** 6". 50c. **H. Olowinskianus** 1 1/2". 25c. 11and-some 6" specimens, 40c. **H. pseudomelanostele.** 35c.

**Lophocereus Schottii.** 35c.

### STETSONIA CORYNE

A magnificent tree cactus to 30 feet. A fine small specimen with long, straight, dark spines. Rare. 2". 30c. 6". 50c. 18". \$2.50.

## CREeping DEVIL

### Machaerocereus

Strange, creeping, sea loving cacti from B. California where they grow near the coast. **M. eruca** is the true Creeping Devil from Magdalena Bay where it grows always creeping toward the sea. 6" plants, \$1.

**M. gummosus.** 7". 40c.

**Mediocactus coccineus.** Tall climber with white flowers. 35c.

**Mila Nealiana.** Grafted, 50c.

**MONVILLEA.** A very interesting group from Brazil some being grown for their freedom of bloom, others for their handsomely mottled stems. They like a rich well-drained soil and a fair amount of light. Give plenty of light

**Brazilian Rock Cactus.** See photo, page 18

**MONVILLEA MARITIMA.** A very free blooming plant bearing snowy blossoms and big red fruits. Very good plant in every way 2". 20c. 4" 6". 35c.

**M. phatnosperma.** 25c

## MYRTLE CACTUS

**MYRTILLOCACTUS.** A genus found in Baja California, where it grows on the red clay hills. The plants form imposing specimens branching repeatedly to form wide topped heads up to 6 feet

**MYRTILLOCACTUS SCHENCKII.** A handsome species with wide-branching arms, 17c.

**M. Cochal.** Bluish stems 8"-10". 40c.

**M. goemeltrizans.** Blue-pink 6". 35c.



### JOSEPH'S COAT

**Opuntia monacantha variegata**

Handsomely variegated with white, yellow, green and pink, this favorite grows most easily and is particularly sought as a pot plant in choice collections. An attractive specimen that is most appreciated. The yellow blossoms are quite pretty and even the seed pods are variegated. Nice plants

**35c**



### SUN CEREUS

**Helicocereus speciosus**

This is one of the most brilliant blossoms I know. The 5" flowers are a glowing violet-purple shading to a glorious red a combination of colors indescribably beautiful. Give it a little shade and plenty of water during active growing season.

**35c**



### RED CROWN CACTUS

**Rebutia minuscula.** Nat. Size

This blooms well for everyone and in the spring our beds have hundreds of blossoms! Whole rows of red buds form at the ground level and keep opening for weeks. They are easy to care for and like quite a bit of moisture and not too much sun **30c**

## 5 Blooming Size Plants for a 5" Bowl COLLECTION F17

A swell looking collection for a small bowl. Each plant is chosen for its beauty, interest or flowers. The kind of a bowl I like **Tiger Jaws, Lady Fingers, Peanut Cactus, Fairy Lanterns, Thornless Tree Cactus.** Postpaid. **90c**



### WALLFLOWER CROWN CACTUS

**Rebutia pseudodominata**

These charming, free blooming little plants have only recently been brought from South America. The blossoms are vividly colored and the small plants bears flowers oftentimes as large as themselves. They grow easily liking some shade and water.

**35c**

WINDOW GARDEN COLLECTION F18. The above four pictured plants

**\$110**





## GIANT CEREUS PACHYCEREUS

These huge tree cereus may reach 40' or 50' in height and must weigh many tons. Some of the largest are found in Baja, California, where I have seen them in all their majesty. They need no especial care.

**Giant Mexican Cereus.** (*Pachycereus Pringlei*). A huge and majestic species reaching 50' in height. 3", 25c. 4", 35c.

**Pachycereus chrysomallus.** 8"-10", \$1.50. Sm., 35c.

**Pachycereus pecten-aboriginum.** 2½"-3", 30c.

**Organ Pipe Cactus.** (*Pachycereus marginatus*). A majestic species whose thick cylinders look like the pipes of an organ. In Mexico it is a common fence making plant, 25c.

### TO MAKE CACTI BLOOM

Water them with Vitamin B1 solution then give them Johnson's Cactus Food. B1 stimulates root growth astoundingly! Use it each watering.



## A FINE CACTUS COLLECTION

October 31st, 1939

Dear Mr. Johnson:

I am enclosing a picture of my Red Orchid Cactus. We have about 50 varieties including succulents. My Starfish is blooming in a south basement window where I moved it October 1st. I have another cactus that will bloom in a few days. The Bishop's Cap I got from you I think will bloom next year.

I enjoy working with my Cacti so much and they do so well in our many windows.

Sincerely yours,  
MRS. A. D. GRAVES  
Council Bluffs, Iowa

## VIOLET SEA URCHIN

*Acanthocalycium violaceum*. 2/3 natural size.

This colorful small cactus blooms over a period of 2 or 3 months in late spring. It seems to grow very easily and my specimens have continued to increase in beauty. It appreciates a soil of equal proportions of sand, leafmold and loam and a fair amount of water when growing.

1½"-2", 50c. 3", \$1.25. Nice plants ¾"-1"..... 30c

## OLD MEN OF THE MOUNTAIN OREOCEREUS

These Old Men of the Mountain are beautiful with their long white hair and as they reach maturity the beautiful golden brown of the underlying spines is evident. With great age they may reach a yard in height. They like a porous loam soil with a good sprinkling of sand and crushed eggshells. Keep them damp—not wet. They probably will stand almost zero temperatures.

**OLD MAN OF THE MOUNTAINS.** *Oreocereus Trollii*. High in the snow covered Peruvian Mountains this venerable white thatched Old Man keeps watch among the barren rocks growing in clumps clustering for protection. Silky white hair set off with rich brown spines. Handsome 4" show specimens, \$1. 5-6", \$1.50. Nice plants, 50c and 35c.

**Old Man of the Andes.** (*Oreocereus Celsianus*). A taller, more vigorous growing plant with spreading white hair and heavy, rich brown spines. 5" to 6", \$1.50. 7-9", \$2.50. Nice plants, 50c and 35c.

*Oreocereus Bruenowii*. Rare species, 40c.

*Oreocereus Celsianus lanuginosior*. 8"-9", \$2.50.

*Oreocereus fasslatus*. 8"-10", 75c. 12"-14", \$1.50.



## GOLDEN EASTER LILY LOBIVIA aurea

This beautiful Easter Lily Cactus blooms freely in the spring, the charming bright blossoms opening widely. Give it a sandy, porous soil with plenty of powdered eggshells.

Flowering size, 50c. Specimens, \$1.

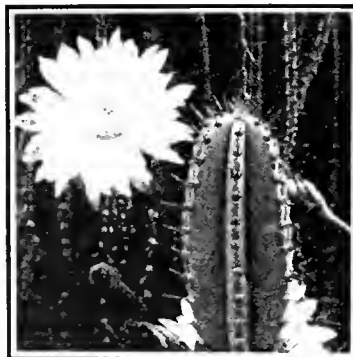
**Vigorous Plants..... 35c**



## PEANUT CACTUS. (Nat. size). Chamaecereus Sylvestrii

One of the fastest growing, often producing 20 or 30 new branches in a season! Flowers in the early spring. Grows best with considerable moisture if well drained. Nice clusters, 35c.

Flowering size..... 19c



—At Left

### PERUVIAN APPLE.

*Piptanthocereus hybridus*

Produces large apple like delicious fruit! Flowers large and freely borne! Grows anywhere.

10" seedlings, 50c.

12"-15" Flowering, \$1.

Nice plants.....

19c

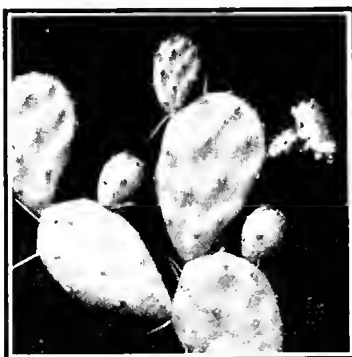
### At Right— ORANGE TUNA *Opuntia elata*

This brilliant orange flowered tuna cactus has long been a favorite. Grows in wet or dry, sun or shade. Branched specimens, 50c.

Larger branched, \$1.

Nice pads.....

25c



CURIOUSITY  
Collection



**PEANUT CACTUS**  
Nice plants, 19c.

**MAMILLARIA**  
Strange, 25c.

**BIRDS NEST**  
Yellow spines, 19c.

**HUERNIA**  
Curious, 25c.

**XMAS CHEER**  
Red, 15c.

**SILVER DUMPLING CACTUS**  
A handsome white cactus, 25c.

**COLLECTION F19.** For gifts to your friends they are unique and most attractive. Cacti and Succulents thrive in gas heated rooms for they are not affected by fumes or dry heat as other plants are. They grow easily and require but little care. With every order is my booklet "Culture of Cacti." One of each above. **\$1.10**



**PINK EASTER LILY CACTUS**  
*Echinopsis multiplex*

An old favorite found in collections all over the world. Customers write in to tell me they have 25 year old specimens that have never failed to flower! The plants are usually round, though with age may become a foot tall. Give them generous culture and fertilizer when growing. 3 1/4", 75c. 2", 35c.  
Nice 1"-1 1/4" plants..... **25c**

### LEMAIREOCEREUS

This popular group is much admired for its stately appearance and fine branched habit. They are largely natives of Mexico where they often form the most conspicuous plant in the landscape. Give them generous culture for they are mostly strong rooting vigorous plants.

**POWDER BLUE CEREUS.** (*Lemaireocereus pruinosus*). See photo, page 16.

**STAR CEREUS.** (*Lemaireocereus stellatus*). Small plants are very pretty with their regular rows of star like spines. Handsome pink blossoms. In full sun plants often turn bronze red. 3"-4", 20c.

**Silver Cane Cactus.** (*L. Beneckii*.) Handsome white-frosted stems. Very striking coloration. Rare and choice. 12" beginning to turn white. \$1.50. 18", \$2.50.

- Lemaireocereus chende*. 40c.
- Lemaireocereus chichi*. 25c.
- Lemaireocereus deficiens*. 30c.
- Lemaireocereus del Moralii*. 3"-4", 40c.
- Lemaireocereus Dumortieri*. 3", 30c. 5", 40c.
- Lemaireocereus griseus*. Splendid. 17c.
- Lemaireocereus Hollianus*. 3"-4", 25c.
- Lemaireocereus montanus*. 3"-5", 30c.
- Lemaireocereus queretaroensis*. 5", 40c.
- Lemaireocereus Thurberi*. 2 1/2", 35c.
- Lemaireocereus tetetzo*. 4", 35c. 18"-20", \$1.50.
- Lemaireocereus Treleasii*. 4", 35c. 10"-12", \$1.
- Lemaireocereus Weheri*. 4", 40c.

## FLOWERING TREE CACTI

### PIPTANTHOCEREUS

In the plains and valleys of Argentina and Brazil these most popular flowering and fruiting tree cacti are found. They like the fairly well watered and richer soils where they form splendid, umbrageous specimens. They are popular in gardens and may be counted on to flower well. As pot plants they will thrive for years. Give them a light soil, good drainage, plenty of water and fertilizer during the summer.

**Piptanthocereus alacriportanus.** A quick growing large fruited species. 3", 20c.

**P. caesius.** Beautiful stately blue columns edged with yellow spines! Handsome 30" cuttings. F.O.B. Hynes, \$4.

**P. DAYAMI.** One of the best fruiting kinds. Fruits large ovoid tomato red in color. Pulp snowy white, sweet and fragrant. 3"-5", 20c.

**P. GONIANTHUS.** An extremely free bloomer even when small. Glaucous blue trunks. 18"-24" cuttings, \$1.50. 30"-36", F.O.B. Hynes, \$2.50. 3", 20c.

**P. horribarbus.** Old plants have 4" spines! A fine tree, 20c. **P. horribarbus monstruosus.** One of the finest monstrose cacti; shown top of page 23, 25c.

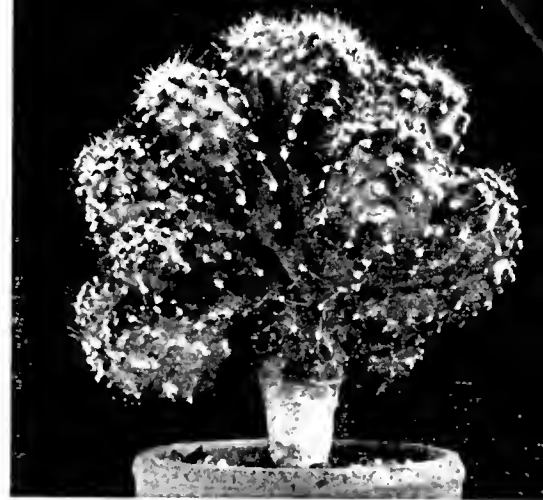
**P. milessimus.** New shoots are splendid deep blue with rich brown spines. One of the prettiest. 12", \$1. 18", \$1.50. 36" cuts, F.O.B. Hynes, \$2.50. 3", 20c.

**P. PERUVIANUS.** (True!) I have seen single specimens bear over 5000 6" flowers in one summer! They do not grow very tall (8') but branch profusely. Fruit round, yellow. Splendid, 20c. Var. *reclinatus*, 20c. Var. *persissimus*, 20c.



**QUEEN OF THE NIGHT**  
*Selenicereus Macdonaldiae*

The glorious silver and gold blossoms of this royal plant are magnificent and I have measured them over 14" across! They are found in the tropical jungles of Central America where they climb in festoons to the tops of the tallest trees opening their pale chalice like rival moons. Thrives in the window garden.  
Large 3 to 4 feet plants \$1 each. Smaller..... **35c**



**CURIOSITY PLANT.** (Nat. size)  
*Piptanthocereus peruvianus monstruosus*

These strange and interesting cacti never lose their odd method of growth though I have seen them 10 feet tall! They are always pretty with their deep green bodies and chestnut colored spines. Old plants become a beautiful blue green and flower just as freely as the normal species. 6"-8", 75c. 10", \$1.50. Nice 1 1/4"-2" plants..... **21c**

## TRICHOCEREUS

### TORCH CACTI

Free, growing, cluster forming cacti bearing large, snowy-white or yellow blossoms. Among them are many of our old garden favorites. Give them generous treatment as they are strong rooting and vigorous. From South America.

**White Torch.** See page 13.

**WHITE BOWER CACTUS.** (*Trichocereus Schickendantzii*). Forms dense clusters up to 2' across and 18" high often bearing 50 flowers each 6" across at once! Small plants are most attractive with their regular rows of tiny spines, 19c.

**Serpent Cactus.** (*T. thelegonus*). Flowers very easily with snowy blossoms 7" across! Don't fail to have this, 17c.

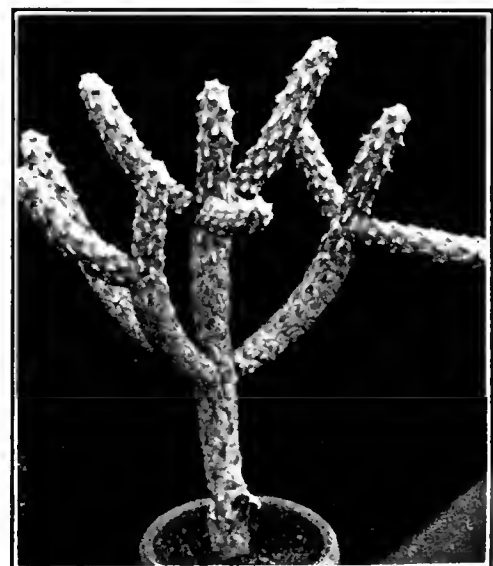
**GOLDEN CUP CACTUS.** (*T. huascha*). Rich old gold blossoms 7" across. A glorious flower that will enthrall you, 22c.

**White Cup Cactus.** (*T. Schaferi*). Until recently a very expensive plant. Giant 10" snowy blossoms, from compact spineless clusters! 20c. 6", 50c. 10" clusters with 8 heads, \$2.50. *T. Bridgesii* 3", 25c. 12" cuts, 50c. *Trichocereus Bertramianus*, 35c. *T. candicans*, 25c. *T. can. robustior*, 25c. *T. cephalopasacana* 3", 50c. *T. chilensis*, 25c-35c. Heavy 6", 75c. *T. coquimbensis*, 35c. *T. cuzcoensis* 12" cuts, 75c. *T. fascicularis* 2 1/2", 35c. Var. *montanus*, 35c. *T. Knuthianus*, 25c. 12"-15", 60c. *T. lamprochlorus*, 25c. 6", 50c. 12" cluster 12 heads, \$2.50 F.O.B. Hynes. *T. litoralis* 3", 35c. *T. macrogonus* 12-16" cuts, \$1. *T. pachenoi* 12", 50c. 18", 75c. *T. pasacana*, 25c. var. *allicephala* 4", 35c. *T. poco* 4", 50c. *T. strigosus*, 25c. *Terscheckii*, 25c-35c. var. *montanus*, 35c. *T. uyupampensis* 6", 50c. *T. Werdermannianus*, 75c.

## THORNLESS TREE OPUNTIA

### *Opuntia ramosissima denudata*

Just the plant you have always wanted for all our plants show the tree-like branching seen below. Like a small branched tree it is just the cactus you have always wanted to give a real desert effect to your window garden. Small plants with such distinctive branching are rare. Every plant a specimen. 6"-8" at 29c. 3" to 4" as below..... **21c**



## A Complete Storied Garden with Soil, Pot and 8 Plants



### Delivered Postpaid Anywhere!

This Strawberry Pot is approximately 5 inches tall by 5 inches wide and has a wide mouth and 3 generous side pockets for planting.

### COLLECTION F20

Here's a garden that all can enjoy no matter how small the space.

As gifts they are much appreciated by all. Let us send them to your friends. Every room is brightened by them.

Grow and bloom for years on table or stand even if much neglected. As ornaments they may be placed even in the darker corners of rooms. All the plants are chosen for their beauty and hardiness.

Soil, Pot and Plants  
Delivered Postpaid ..... **\$150**

# The SUCCULENTS

## Oddities of the Plant World from Everywhere

Succulents are very similar in appearance and care to Cacti but while Cacti are confined to the Americas, Succulents are distributed over the dryer parts of the world. The deserts of South and West Africa are particularly rich in the strange Living Rocks and their kindred, while the fascinating Star Fish flowers, Aloes, Euphorbias and a myriad others are found on every veld and kopje. Mexico is noted for the fascinating flowering Echeverias which grow in endless variety and great abundance in the damper mountains. On the mesas and dryer mountain ranges Agaves, Yuccas, Nolinias and similar plants are characteristic.

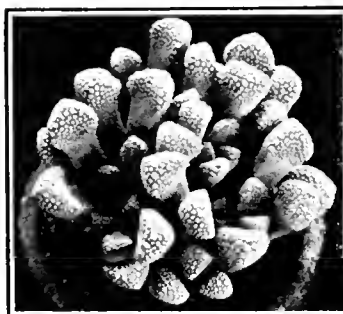
"Succulents" are so named because of their ability to store water in their stems and leaves to tide them over dry seasons. The true Cacti are also succulents but for convenience we list them separately.

**CULTURE.** Like Cacti they are easy to grow and require somewhat the same care. In fact, the less coddling succulents receive the better they seem to do. Many of them will stand more water than cacti but the Living Rocks, Lithops, Titanopsis, and similar plants (Mesembrianthemum) should be watered with care, particularly during dull days.

Most African Succulents seem to appreciate a rest during July and August and we leave our plants dry during these months getting our growth in September and October, then resting until March or April. One must remember that south of the equator winter is June, spring is September.

The Euphorbias, with one or two exceptions, require more generous treatment liking a rich but well-drained soil kept barely moist and during active growth our Cactus Food.

Echeverias should never be left too dry for they like moisture.



**A MIMICRY PLANT**

*Titanopsis Schwantesii*. Nat. size. This pretty mimicry plant was first discovered accidentally when a botanist leaned against a rocky wall thinking the plants were a discoloration on the rough surface. A true example of plant mimicry. This one is pure white. 30c

## JEWEL PLANTS

### Titanopsis

There are several species of these fascinating little plants each inhabiting a particular rock formation which it closely mimics. Likes a sandy soil, well drained. Keep barely moist. Bloom in the spring after the winter rest.

**T. calcarea.** The pretty leaves are rust colored on the tips. Look at them under a magnifying glass to see their real beauty. 35c.

**T. setifera.** A more robust growing species with green pebbled leaves. 30c.

**T. Hugo-Schlechteri.** Beautiful rufous colored leaves. 50c.

**T. Triebneri.** Light rust color. 35c.

**DELOSPERMA ECHINATUM** Bushy with prickly football shaped leaves. 15c.

## A MIMICRY STONE PLANT

*Dinteranthus inexpectatus*

In color these exquisite plants are soft smoky white tinged with rose and minutely punctate. In fall the old gold blossoms appear.

Nice 5 year old plants

25c

## THE MESEMBRIANTHEMUMS

Many of the most fascinating and curious succulents are found in this large and varied family from South Africa. Some fanciers confine themselves to collecting the various kinds of which there is a bewildering variety and over 100 genera. They are of the easiest culture.

## LIVING ROCKS

These strange plants mimic the rocks among which they grow. Give them a sandy soil and a sunny position and they will flower in the fall.

**Pleiospilos Nelii.** Turn to page 16 for photo. Nice young plants, 17c.

**P. simulans.** Shown on page 26.

**P. Bolusii.** A splendid variety with strange granite-like leaves and big daisy-like blossoms. Flowering size, 50c. Mature specimens, 75c. Nice young plants, 20c.

**P. Dekenahi.** An interesting cluster-forming species with granite spotted leaves and handsome flowers. Large, 35c. Smaller, 25c.

**P. magnipunctatus.** A remarkable species blooming freely in fall and forming nice specimen clusters. Grows rapidly, 35c. Smaller, 20c.

## TIGER JAWS

*Faucaria*

There are many species of Tiger Jaws and all are interesting. They are of the very easiest culture and every one will flower in the fall.

**Faucaria tigrina.** The most widely known variety. Everyone likes it, 19c.

**F. Bosscheana.** Smaller tight clusters. Free blooming! 20c.

**F. tuberculosa.** A rare species whose leaves are pebbled, 25c.

**F. Jamesii.** A fine flowering species, 25c.

A collection of 6 fine species for \$1

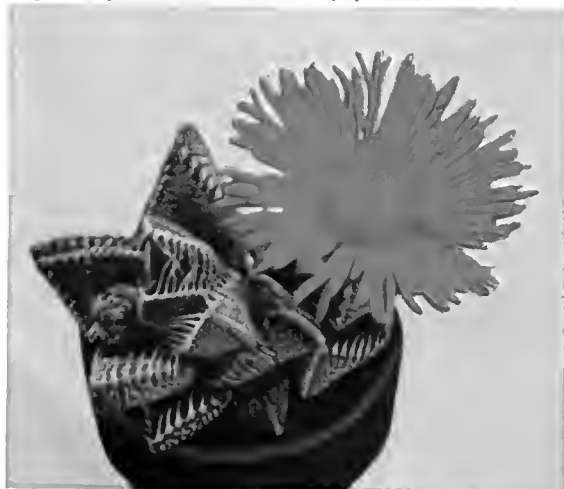
## DOREANTHUS CRINIFLORUS

A small dainty annual bearing large, pink, red, orange or yellow blossoms in greatest profusion for many weeks. Don't fail to sow it. Seed per packet, 10c.

## TIGERS JAWS

*Faucaria superba*. Natural size.

These interesting little plants need no introduction to the window gardener. The well toothed jaws of their green and white spotted leaves are familiar to all. Their odd form always causes comment and in the early fall their bright daisy-like blossoms are freely produced 19c



**ECHEVERIA DERENBERGII.**

A Mexican plant blooming in the winter and spring. The foliage is much bluer white than shown. It is a dwarf little specimen seldom exceeding 2" in diameter. Like most of its kind it grows on rocky walls in the higher and moister mountains. Will grow under any conditions but prefers a moist soil. Don't fail to have this gem. 23c

## CIGARET PLANTS

*Cheirodopsis*

This interesting genus forms clusters of growths each of two, glaucous-white finely pebbled leaves each pair bearing large daisy-like blossoms.

**Cheirodopsis buchbergensis.** Very pretty clusters, 25c.

**C. candidissima.** The largest and prettiest of all with snowy leaves and big 3" apricot colored blossoms, 35c.

**C. peculiaris.** One of the strangest succulents with two joined leaves and lemon yellow fragrant flowers. Let it go completely dormant from July to September, 25c.

## PEBBLE PLANT

*Rimaria*

The Pebble Plants grow in small clusters each growth fat and smooth like a chert pebble.

**Rimaria Comptonii.** Clusters, 35c.

**Rimaria Heathii.** Clusters, 35c.

**Rimaria Luckhoffii.** Clusters, 30c.

**Rimaria Roodiae.** Clusters, 35c.

## TRY VITAMIN B1

This truly wonderful vitamin produces a luxuriant and healthy growth of roots on succulents! See Page 9

## STONE FACES

*Lithops*

These small mimicry plants are among the most fascinating of all. There are almost a hundred species of them, each one varying in the pattern and coloration of the "windows" in the flat top of the two joined leaves. They thus mimic the pebbles among which they are found. Turn to page 27 for color plate. I offer 34 species. 25c each unless otherwise priced.

**Lithops alpina.** L. aurantiaca. 35c. L. divergens. L. Eberlanzii. 35c. L. elevata. L. farinosa. L. Forsteri. L. Framesii. L. Fulleri. 35c. L. fulviceps. 35c. L. Helmutii. L. inornata. L. Julii. L. karasmontanum. L. kuibescensis. L. kunjascensis. L. lactea. L. lateritia. L. Lericheana. L. Leslei. L. Lydaea. L. Marthae 35c. L. Meyerae. L. mickbergensis. L. opalina. 30c. L. optica. 35c. L. Peersii. L. psuedo-truncatella. L. rugosa. L. Schlechteri. L. Schwantesii 35c. L. translucens 30c. L. Triebneri. L. uriksoensis 35c.

## STARFISH FLOWERS

Strange African plants with flesh-like blossoms sometimes reaching over a foot in diameter! There are numberless species of them in South Africa where they often grow in the scant shade of acacia trees. They all like a sandy soil with plenty of water when growing but not much when resting in winter. Bloom during spring and summer.

All my plants are from pots!

**Starfish Flower.** See page 26 for color plate.

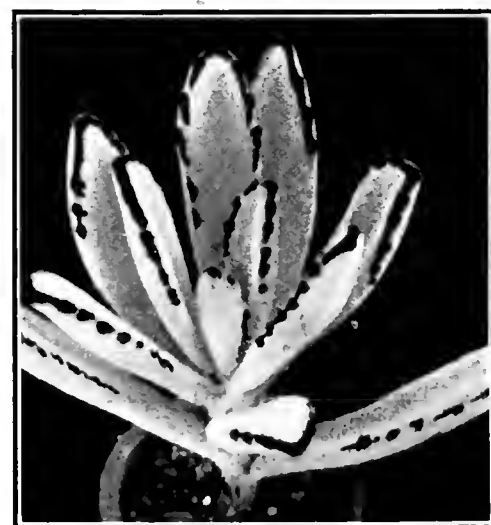
**PRETTY STARFISH.** (*Stapelia pulchra*). A charming distinct variety with stems mottled maroon. Flowers yellow spotted brown. 25c.

**HAIRY STARFISH.** (*Stapelia hirsuta*). Handsome dark red flowers fringed with purple hairs! Flowers amazingly freely all summer and fall. Nice plants that will flower this summer 3-6 growths. 28c.

## PLUSH PLANT

*Kalanchoe tomentosa*

One of the brightest of new introductions with plush-lined blue-green leaves margined with rich rust red. Makes a very pretty pot specimen growing several inches high and branching freely. Likes a moist soil, well enriched, becoming more beautiful with age. 20c

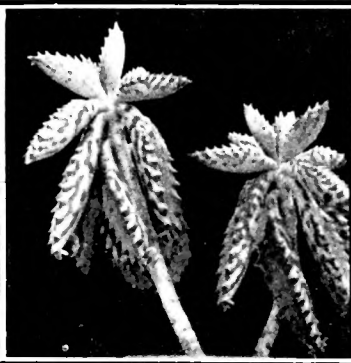






#### DYCKIA SULPHUREA

Belongs to the same family as the Pineapple. The rosettes rarely exceed 3", bearing spikes of yellow blossoms lasting for weeks. Give generous culture..... **21c**



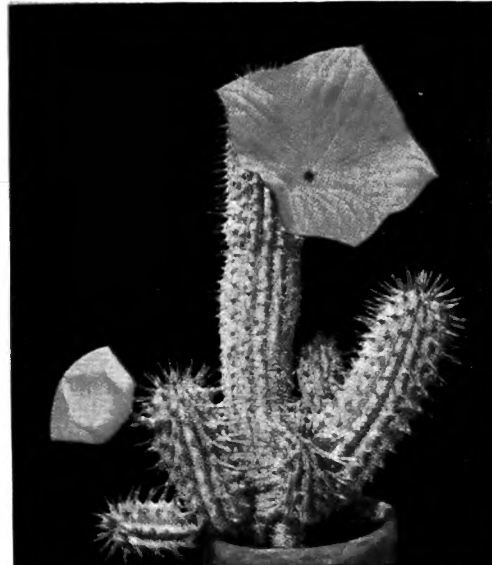
#### COCONUT PALMS Bryophyllum Houghtonii

Looks for all the world like a miniature palm! A cluster in a brightly colored dish makes a very pretty ornament. 3 for 25c. Each..... **15c**



#### PRETTY PEBBLES Andromischus clavilolius.

A long lived little plant eventually forming a well branched tiny tree. The leaves prettily variegated silvery green and maroon. Likes moisture. Plants each..... **20c**



#### HOODIA MACRANTHA

1/4 Nat. size.

Handsome beyond compare are these rare Startish flowers from the sandy deserts of Namaqualand. They grow rapidly and bloom in the greatest profusion, often having 10 or 15 flowers at once. They commence flowering with us in May and June and continue uninterrupted until October. As the photo shows the plants are striking with silvery green stems and reddish soft prickles and may reach 15" in height. A very sandy soil but liberal treatment and plenty of light.

3" - 4" beginning to branch, 50c.  
5" - 6" Flowering size, 75c.

Vigorous young plants..... **35c**

**HOODIA GORDONII.** This is just as pretty as *H. macrantha* but bears almost round flowers 2" across in greatest abundance. Don't fail to have it. 4" - 5" ready to branch and bloom 75c. Smaller 35c.

*H. Juttae*, 3" - 4" \$1.00. *H. Triebneri*, 3" - 4" \$1.00.



#### WART PLANT

*Haworthia subfasciata*, Nat. size.

A favorite and deservedly popular both because of its neat beauty and its being perfectly at home in the window garden. The warts on the leaves are much whiter than shown. I have some nice plants. Large at 30c. 1 1/4" - 1 1/2"..... **20c**

#### SWEETHEART GERANIUM

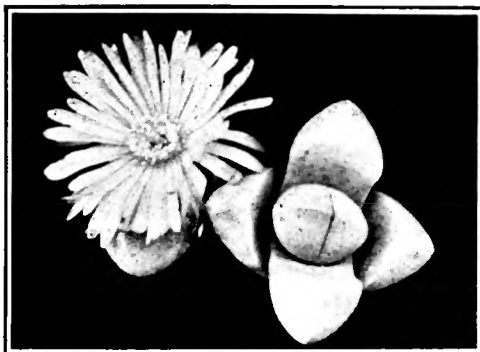
This pretty species (*Pelargonium echinatum*) bears white flowers each with 2 pink hearts on the petals! Remains dormant in the summer time. 35c.

#### RED TIPS

Handsome with fat red leaves tipped with red in winter! Very pretty in dishes. 15c.

#### GHOST PLANT

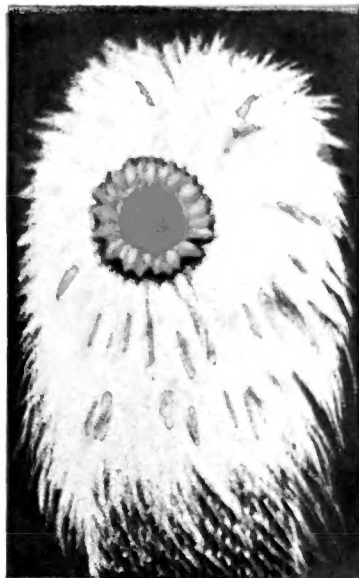
The interesting *Byrnesia Weinbergii* appears as though carved from marble. Grows anywhere under any conditions and always looks well. Don't fail to have this. 19c.



#### A HANDSOME MIMICRY PLANT

*Lapidaria Margaretae*

Beautifully colored with smokily rose-white leaves and old gold blossoms. With us it blooms in October and November. Grows slowly. Our plants are 5 year old blooming size..... **25c**



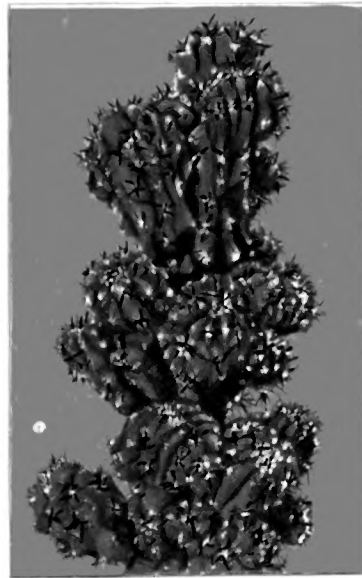
#### OLD MAN CACTUS Cephalocereus senilis.

The long snowy white hair of this venerable cactus makes it one of the most sought after. No collection should be without it. My plants are clean and snowy white with many healthy roots. Larger 35c. Fine plants..... **25c**



#### MOON CACTUS Eriocereus Jusberrtii

These are very free growing cacti that bear 8" snowy blossoms opening in the evening remaining open until late morning. Easy to grow they like plenty of water and a rich soil. 10" plants 75c. Smaller..... **25c**



#### CEREUS HYBRIDUS MONSTROUSUS

A strange and monstrous cactus attracting the attention of all who see it. They grow taller than the true *C. peruvianus monstrosus*. As easy to grow as any cactus and never lose their peculiar growth. Grafted specimens 50c. Fine plants..... **25c**

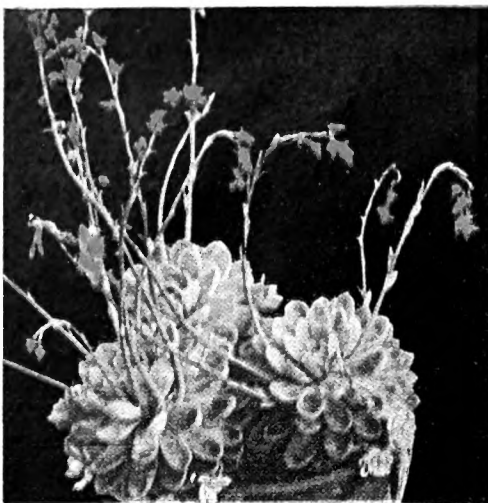


#### PAPER SPINED OPUNTIA Tephrocactus glomeratus

One of the rarest and most peculiar of all cacti. Instead of spines they have long white paper ribbands! They come from western Argentina and form great white mats. They grow easily..... **35c**

COLLECTION No. F21—These 4 curious cacti postpaid for.....

**\$1.00**



**MEXICAN GEM**  
*Echeveria elegans*

This popular Echeveria has blue-white rosettes of leaves and red flowers appearing in early summer. Seems to do equally well in sun or shade. They grow into fine specimens and at flowering time young plants appear at the base. They like a sandy loam and leafmold if you have it. **25c**

## ECHEVERIA

These are lush, quick growing succulents much prized for their handsome rosettes of crowded leaves. Grow in sun or shade but color up best with plenty of light. Give them plenty of water during summer. There are scores of species.

**Hen and Chickens.** (*Echeveria glauca*). An old favorite with blue-green rosettes and orange flowers. **20c.**

**ECHEVERIA ROSEA GRANDIS.** Handsome stately plant with broad, red-margined leaves. Striking specimen like a huge rosette Splendid. **25c and 35c.**

**Echeveria expatriata.** Every fallen leaf will produce a young plant! Orange flowers. **17c.**

**Echeveria Funkii** **20c.** **E. gibbaeflora flammula** **25c.** **E. glaucametallica.** Handsome bronzed leaves **35c.** **E. Hoveyi** **40c.** **E. Howardii** **20c.** **E. leucotricha.** Beautiful velvet green leaves **35c.** **E. montana** **25c.** **E. multi-caulis.** Red leaves **25c.** **E. nivula** **20c.** **E. ovalifolia** **25c.** **E. pubescens** **25c.** **E. pulvinata.** Handsome red plush leaves **35c.** **E. pulvi-carn.** **35c.** **E. recurvata** **25c.** **E. scaphophylla** **25c.** **E. venezuelensis** **25c.**

## AIR PLANTS

The Bryophyllums are natives of Madagascar bearing their pink and red bells in the dead of winter. The leaves of most produce scores of plantlets along their margins! Grow under any conditions.

**AIR PLANT.** *Bryophyllum tubiflorum.* Pictured on page 8. Prettily mottled quill-like leaves and gorgeous deep orange-red tubular 2" blossoms in clusters of 20 or more! **15c. 2 for 25c.**

**Bryophyllum Fedtschenkoi.** Fine with white rose tinted leaves and pink bells. **15c. 2 for 25c.**

**B. Daigremontanum.** Marbled brown and green leaves. Bears innumerable babies. **15c.**



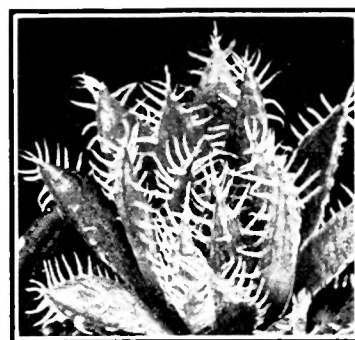
**CHRIST THORN**  
*Euphorbia splendens.*

This is the thorny plant supposedly used at the crucifixion. Blooms all the year around. Likes considerable water when growing. My Cactus Food will make it bloom freely. 10" plants **50c.** 12" - 15" **75c.** Nice 5" - 6" specimens **35c**



At left:  
**A WINDOW PLANT**  
*Haworthia cymbiformis*  
Bears curious "windows" in the flat-tipped leaves through which the burning African sunlight is filtered. Easy to grow in sand. **20c**  
Fine.....

At Right →  
**HAWORTHIA SETATA**  
I have just secured a new supply of this very rare Window plant. Bears long teeth and during the summer rest shuts up like a ball! Grows like a weed in sand. Give it plenty of sunlight. **20c**



## CACTUS CURIOS

### Collection F22

Outstandingly pretty and curious, including only those popular ones easy to grow and large enough to make a showing. All plants illustrated in this catalog.

**Old Man.** **Tiger Aloe.** **Bishops Cap.** **Living Rock.** **Golden Parodia.** **Curiosity Plant.** 6 fine plants only. **\$1.25**



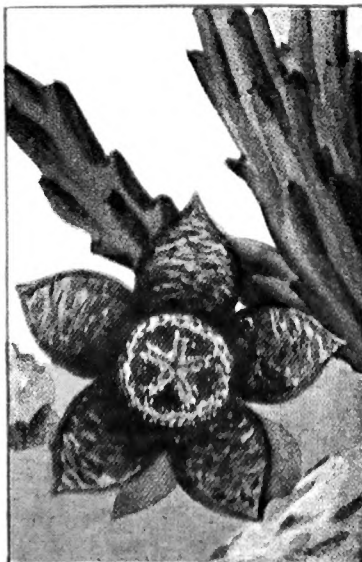
**A LIVING ROCK**  
*Pleiospilos simulans*

This is one of the best of the Living Rocks, the leaves appearing like shards of splintered granite, even assuming the rough irregular surface! Even on a hot day the leaves feel cold. Flowering size **50c.** Large 4" - 5" specimens **75c.** Vigorous young plants..... **20c**

**SILVER CROWN.** *Cotyledon decussata.* A handsome species with white powdered leaves beautifully undulated! **50c.** Red rimmed variety *Walkerii* **50c.**

## CRASSULA

Interesting succulents of easiest culture.  
**Pagoda Plant** (*Crassula perfoliata* variety). Pretty reddish leaves forming a pagoda. **17c.**  
**Japanese Pine.** (*C. tetragona*). Odd with leaves in 4 ranks. **15c.**

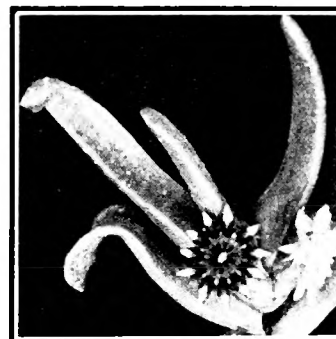


**STARFISH FLOWER**

The strange flesh-like blossoms of *Stapelia variegata* look more like members of the animal world than flowers! You will have a hard time convincing yourself they are real. Easy to grow and may be planted in almost pure sand if fertilized. **Blooming size 35c.** 5 - 8 arms **25c.**

## SCARLET PAINT BRUSH

The handsome and very curious *Roechea falcata* has odd, 2-ranked sickle-shaped leaves of grey blue. The flowers are gorgeous red produced in spring and lasting a month! Large 5" - 6" plants for blooming **50c.** Fine 2 1/2" plants **25c.**



**TONGUE LEAF**

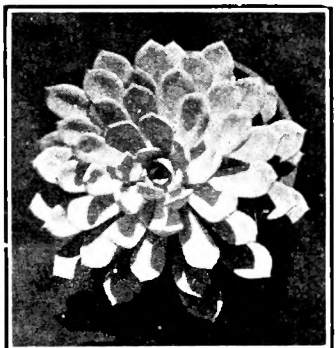
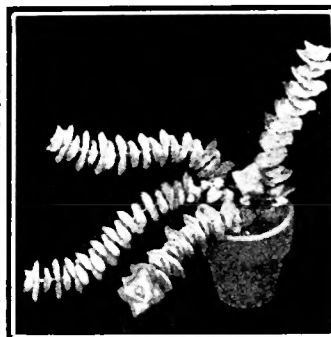
**Pecular.** succulent, deep green, tongue-shaped leaves and yellow flowers. This curious plant belongs to the Ice Plants. **25c.** In center is the odd starry fruit. Very easy to grow. **35c.**

**NECKLACE VINE**

In this pretty plant each pair of leaves are joined together at the base the stem passing through like a string of beads! **17c.**

**BEAD VINE**

*Crassula rupestris* is similar but bears fine pink flower sprays. Very pretty. **17c.**



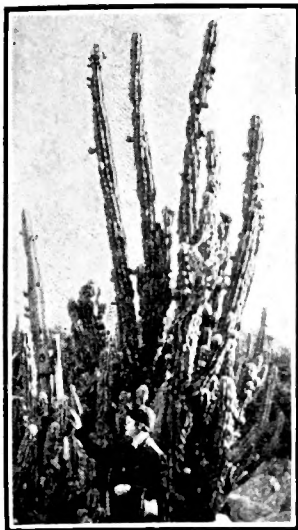
**ECHEVERIA NOBILIS**

This Mexican plant turns a pleasing violet red in the winter time or in full sun. It grows easily in sun or shade and seems to like moisture. You will like all the Echeverias. **19c.**

**CRASSULA CORYMBULOSA.** Leaves turn brilliant red in the sun. 8" spikes of pretty white flowers. **15c.**

**Crassula decipiens.** Pebbled leaves. **35c.** **C. lactea** with white flowers **25c.** **C. Schmidtii.** Red leaves and flowers. **20c.**



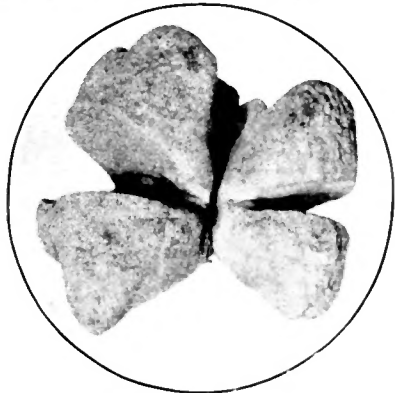


#### CEREUS HORRIBARBUS Monstruosus

The monstrous tree cacti bloom profusely and make outstanding specimens being just as interesting as small pot plants as in 15' trees. No special care..... **25c**

#### SCARLET ALOE Aloe Hanburyana.

The Aloes are characteristic plants of the African veld. In cultivation they grow very easily and generally bloom in winter or early spring. This one grows like Aloe ferox at right below but the leaves have no prickles. It makes a fine long lived specimen yearly bearing several tall flower spikes each with scores of red tubular bells an inch long. **17c.**



#### PLEIOSPIROS BOLUSII

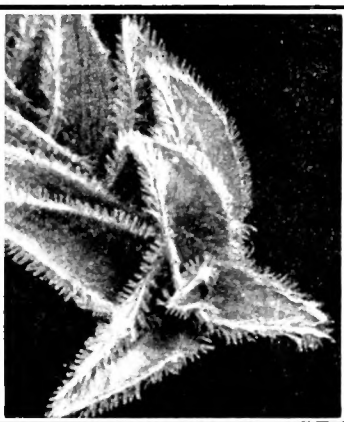
A Living Rock. 1/2 Nat. size.

A mimicry plant of quick growth having blunt, almost flat-topped, thick leaves. It grows on the dry veld among rust colored volcanic rocks which it closely simulates. Ostriches and grazing animals are very partial to them quickly finding any plant unlucky enough not to resemble the immediate rocks! Blooming size 50c. 3"-5" specimens. 75c. Smaller..... **20c**



#### FAIRY LANTERNS

Echeveria Weingartii, Nat. size. A small growing Mexican plant that thrives with shade and moisture. Curving spikes of red and yellow lanterns. Nice plants..... **19c**



#### PUSSY EARS

Cyanotis somaliensis, Nat. size. A creeper with hairy leaves and bright purple and orange hairy flowers. Stands any amount of abuse and will trail over edge of pot..... **15c**

**CANDLE PLANT.** (Klattia articulata). Very popular and easily grown. Stems jointed like birthday candles. **15c.**

**RED SEDUM.** (Sedum Stahlii). Chains of pretty red foot-ball-shaped leaves in 4 ranks. Every leaf will grow. **15c.**



#### COWHORN

Euphorbia grandicornis, 1/16 Nat. size.

The Euphorbias (to which the Poinsettia belongs) are the African counterparts of our Cacti. There are over 1000 different kinds. The above is one of the most fascinating kinds bearing 2-pronged horns and making an arresting specimen when small. Give generous culture, a good rich sandy soil and water. 8" 50c; 12" - 15" \$1.00. Nice 4" - 5" specimens..... **40c**

#### "PLANT CHEM"

The New Cactus Culture

No trouble to grow your plants in pure sand! Turn to page 9 for particulars.

### 25 Unlabelled Odds & Ends Surprising—Interesting

Always about such a large nursery there are odds and ends of plants—unlabelled specimens, odd lots of which we do not have enough to catalog, plants with small blemishes, etc. They are all good plants and you will find many rare and interesting things among them. They are not discards but good healthy plants with good roots.

Coll. F22—12 plants for \$1.50;

Coll. F23—25 plants unlabelled.....

**\$2.50**

#### CACTUS SEED

If you are interested in growing these fascinating plants from seed turn to page 10 for list. Mixed cactus seed, generous packet..... **50c**

#### POLKA DOT ALOE

Aloe microstigma.

Fine for pots and dishes, this charming Aloe has long leaves closely dotted with white. In the sun the leaves are often tinged with pink. **20c.**



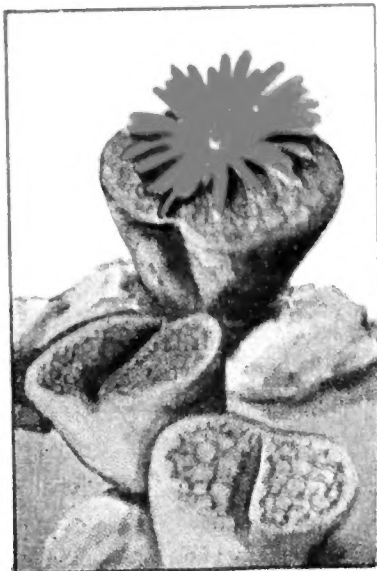
#### ALOE FEROX

This aloe forms a tall unbranched tree with handsome sticky leaves and glorious 5' candelabra - branched flower spikes of golden yellow! Handsome and of easiest culture. 2"-3"..... **30c**



#### OX TONGUE Gasteria hybrida

These lovely succulents have their leaves 2-ranked and beautifully variegated white and green. The arching flower spikes are hung with pink bells for weeks. Give them a sandy soil. Grow and flower easily..... **25c**



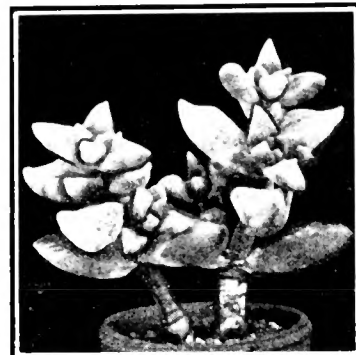
#### STONE FACES Lithops

Mimicry plants with a delicate traced pattern of transparent windows. Cause more interest perhaps than any other group of succulents. Closely imitate pebbles among which they grow. 4 varieties for 80c. Each..... **25c**



#### MEXICAN FIRECRACKER Echeveria setosa.

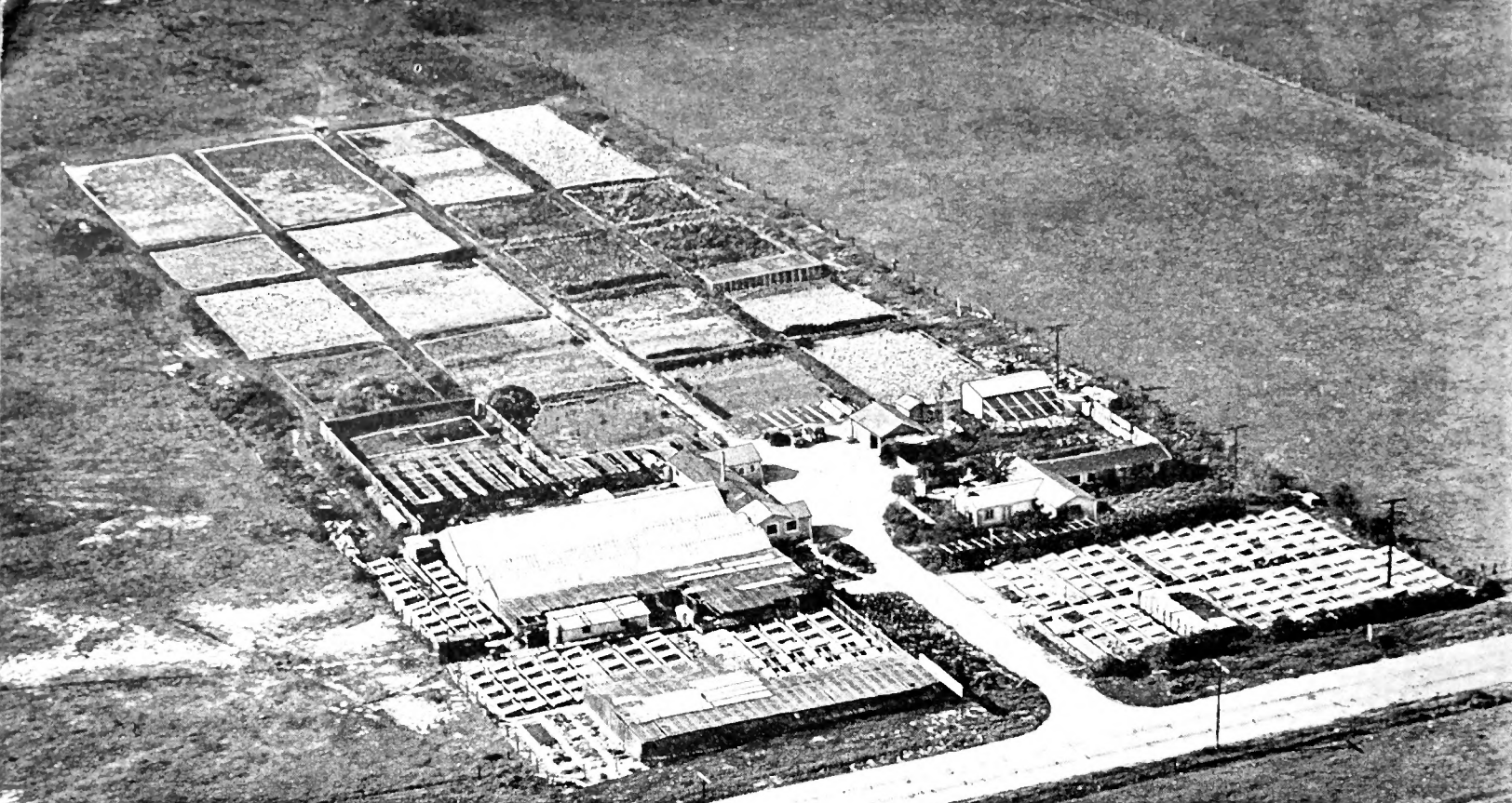
This pretty Echeveria is one of my most treasured plants. The soft leaves are covered with white, plush-like hairs. (Grows to 3 inches in diameter. The richly colored flowers last a long time. Keep damp!..... **35c**



#### CRASSULA DELTOIDEA

Triangular, succulent leaves that become white powdered. Clusters of red flowers. Grows anywhere. Quaint, tiny tree..... **15c**





### AIR VIEW OF OUR NURSERIES

Our thousands of customers will be interested in knowing just what kind of a place a Cactus Nursery is and where the plants thriving so in their windows have come from.

In the center are our offices, greenhouses and packing houses all conveniently located together to expedite the thousands of orders shipped each year. Across the drive to the right is my home and over the roof you may see a large clump of banana trees. The buildings above it are garages, pump house for the water plant and storage.

In front are the many frames in which we grow a million Cacti and Succulents. They are planted out in specially prepared beds so they may develop the vigorous healthy root systems our plants are noted for. They thus get the full benefit of outdoor culture which assures you of vigorous well-ripened plants and a flying start in growing them in your own garden.

Above the greenhouses are the acres of pools in which we grow our other specialty the largest collection of Water Lilies in the world, catalogs of which are sent on request.

### LATEST NEWS

from

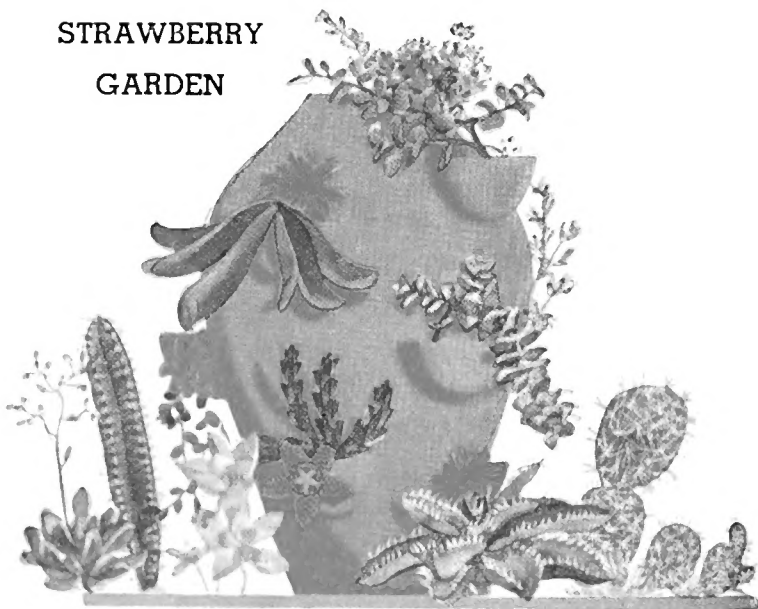
### CACTUS LAND

## JOHNSON CACTUS GARDENS

HYNES, CALIFORNIA

Since 1876

### A STRAWBERRY GARDEN

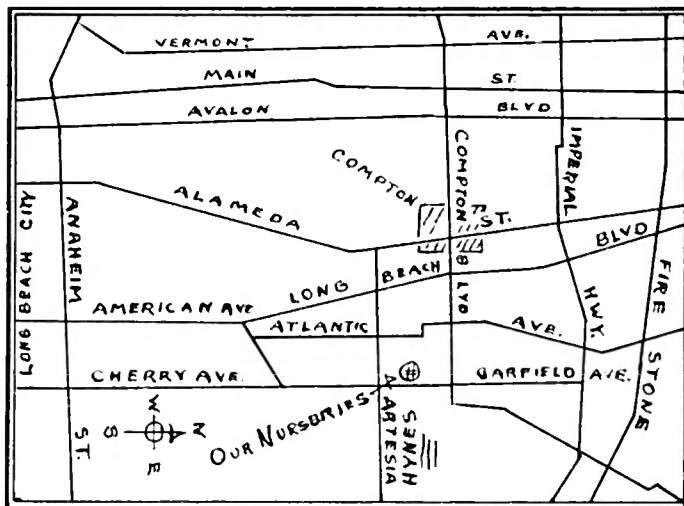


#### A STORIED INDOOR GARDEN

Collection F-25

These storied gardens are one of the most attractive phases of indoor gardening. How otherwise could you grow such a bewildering variety of plants in such a limited space! A Strawberry Jar is interesting every day in the year. Here are the plants: Starfish Flower, Peruvian Apple Cactus, Ghost Plant, Air Plant, Scarlet Aloe, Echeveria, Peanut Cactus, Xmas Cheer, Tongue Leaf, Prickly Pear, Ruby Dimping, Tiger Jaws.

**12** Beautiful Bowl Plants (Pot not included) **\$1.95**



### YOU ARE CORDIALLY INVITED TO VISIT US

When You Are Visiting in California

#### HOW TO REACH OUR GARDENS

We are situated in Hynes, about 15 miles southeast of Los Angeles near Long Beach. If in Los Angeles drive out Alameda Street to town of Compton. On main street of Compton (Compton Blvd.) turn left (east) about three miles to Garfield Avenue, after crossing bridge over Los Angeles River(\*), then right (south) a mile or so to our Nurseries. We are on Garfield Avenue between Olive and Artesia Streets. Our telephone number is MEtcalfe 3-1515.